



中國路橋工程有限責任公司
CHINA ROAD AND BRIDGE CORPORATION

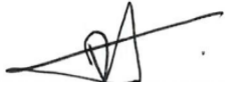

As-Built Drawings Under Condition 2.12 of EP-337/2009 and Condition 2.12 of EP-451/2013

Contract no. KL/2014/03

Kai Tak Development – Stage 3 Infrastructure Works for Developments
at the Southern Part of the Former Runway

Prepared by : Environmental Officer

Date : 30 August 2024

	Prepared by :	Checked by:
Name	Mr. Dennis Ho	Mr. Dickey Yau
Position	Environmental Officer	Site Agent
Signature		

As-Built Drawings Changelog

HMJV Letter Ref. / Email	HMJV Letter / Email Date	Submission Preparation Date	Changes
KL/2014/03/M45/100/7281	12-Mar-2021	16-Sep-2020	-
-	-	30-Aug-2024 (This submission)	-Drawings 60022408/S3/1501, 1502, 1700 - 1706, 1720, 1721 are updated to cope with the latest tree planting arrangement agreed with Leisure and Cultural Services Department - Drawings 60022408/S3/1503, 1700, 1702, 1703, 1705, 1706, 1720 are updated to reflect the latest planter layout further modified by road improvement works project under CEDD contract ED/2018/04



FUGRO TECHNICAL SERVICES LIMITED

19/F, Fugro House – KCC2
1 Kwai On Road, Kwai Chung
New Territories, Hong Kong

Date 3 September 2024

Our Ref. MCL/ED/0268/2024/C

Hyder-Meinhardt Joint Venture
Trunk Road T2 Site Office
Kai Fuk Road,
Kowloon, Hong Kong

BY EMAIL

Attn.: Mr. Pat Lam

Dear Sir,

Contract No. KLN/2015/07

**Environmental Monitoring Works for Contract KL/2014/03 – Kai Tak Development – Stage 3
Infrastructure Works for Developments at the Southern Part of the Former Runway**

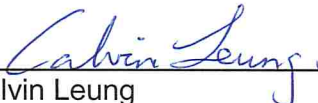
Environmental Permits: EP-337/2009 and EP-451/2013

Certification of Updated As-built Drawings

With reference to the Updated As-built Drawings for Contract No. KL/2014/03 received, via email, on 30th August 2024 for Distributor Road D4 and Trunk Road T2 (part), we have no adverse comment on the as-built drawings and hereby certify it in accordance with EP-337/2009 Condition 2.12 and EP-451/2013 Condition 2.12.

Thank you for your attention, should there be any comments or queries, please contact the undersigned at 3565-4441.

Yours faithfully,
for and on behalf of
FUGRO TECHNICAL SERVICES LIMITED



Calvin Leung
Environmental Team Leader

c.c. CEDD Attn: Mr. Simon Kwok
IEC Attn: Mr. Y. H. Hui

Encl.

Ref.: CEDKTDS3EM00_0_0587L.24

3 September 2024

Hyder-Meinhardt Joint Venture
23/F, Two Harbour Square,
180 Wai Yip Street, Kwun Tong
Kowloon, Hong Kong

By Post and Email

Attention: Mr. Pat Lam

Dear Mr. Lam,

**Re: Contract No. KLN/2015/08
Independent Environmental Checker for
Contract No. KL/2014/03 – Kai Tak Development – Stage 3 Infrastructure
Works for Developments at the Southern Part of the Former Runway
Updated As-Built Drawings**

Reference is made to the submission of Updated As-Built Drawings dated 30 August 2024 received via e-mail on 30 August 2024 and certified by the ET Leader (ET's ref.: MCL/ED/0268/2024/C) on 3 September 2024.

Please be informed that we have no adverse comment on the captioned submission. We hereby verify the captioned submission in accordance with Condition 2.12 of EP-337/2009 and Condition 2.12 of EP-451/2013.

Thank you for your attention. Please do not hesitate to contact us should you have any queries.

Yours sincerely,
For and on behalf of
Ramboll Hong Kong Limited



Y H Hui
Independent Environmental Checker

c.c. CEDD
Fugro
CRBC

Attn.: Mr. Simon Kwok
Attn.: Mr. Calvin Leung
Attn.: Mr. Dennis Ho

Fax: 2739 0076
By e-mail
By e-mail

Q:\Projects\CEDKTDS3EM00\02_Proj_Mgt\02_Corr\CEDKTDS3EM00_0_0587L.24.doc

As-Built Drawings Under
Condition 2.12 of EP-337/2009

Table of Content

1.	Landscape Design Drawings for Road D4	3
2.	Paving Layout	16
3.	Lighting Layout.....	22

Appendices

- A. Handover Status of Landscape Works for Road D4
- B. Handover Records of Landscape Area to EMSD Contract No. 2852EM17A on 12 August 2019
- C. Handover Records of Landscape Area to EMSD Contract No. 2852EM17A on 10 January 2020
- D. Handover Records of Landscape Area to CEDD Contract No. ED/2018/04 on 11 January 2021

1. Landscape Design

Drawings for Road D4

PLANT TYPE	ABBREVIATION	FAMILY NAME	CHINESE FAMILY NAME	SCIENTIFIC NAME	ENGLISH NAME	CHINESE NAME	SPACING (mm)	SIZE (HEIGHT x SPREAD) mm	REMARK	QTY
TREE	TS	BIGNONIACEAE	紫葳科	TABEBUIA ROSEA	PINK TRUMPET TREE	紅花風鈴木	AS SHOWN	HEAVY STANDARD TREE, 4500 x 2000		50
	IRM	AQUIFOLIACEAE	冬青科	ILEX ROTUNDA VAR. MICROCARPA	SMALL-FRUITED HOLLY	微果冬青	AS SHOWN	HEAVY STANDARD TREE, 4500 x 2000		59

PLANT TYPE	ABBREVIATION	FAMILY NAME	CHINESE FAMILY NAME	SCIENTIFIC NAME	ENGLISH NAME	CHINESE NAME	SPACING (mm)	SIZE (HEIGHT x SPREAD) mm	REMARK	QTY
HERBACEOUS PLANT	HYL	LILIACEAE	百合科	HYMENOCALLIS LITTORALIS 'VARIEGATA'	SPIDER LILY	花葉蜘蛛蘭	350	350 x 400	PLANT ALL SPECIES IN A STAGGERED PATTERN.	3754
	CRA	LILIACEAE	百合科	CRINUM AMABILE	GIANT SPIDER LILY	紅花文殊蘭	400	750 x 400		749
	HYA	LILIACEAE	百合科	HYMENOCALLIS AMERICANA	AMERICAN HYMENOCALLIS	蜘蛛蘭	400	400 x 500		3514
LARGE SHRUB	LIS	OLEACEAE	木犀科	LIGUSTRUM SINENSE 'VARIEGATUM'	CHINESE PRIVET	花葉山指甲	600	900 x 600		810
HERBACEOUS PLANT	HEP	HELICONIACEAE	赫蕉科	HELICONIA PSITTACORUM 'GOLDEN TORCH'	GOLDEN TORCH	金火炬	400	800 x 500		6228
	HPR	HELICONIACEAE	赫蕉科	HELICONIA PSITTACORUM 'RAINBOW'	RAINBOW HELICONIA	彩虹烏蕉	400	800 x 500		176
LARGE SHRUB	SCH.ARB.	ARALIACEAE	五加科	SCHEFFLERA ARBORICOLA	MINIATURE UMBRELLA PLANT	鵝掌藤	500	750 x 500		787
	SYC	MYRTACEAE	桃金娘科	SYZYGIUM CAMPANULATUM	BRUSH CHERRIES	新加坡紅楠	500	750 x 500		1427

PLANT TYPE	ABBREVIATION	FAMILY NAME	CHINESE FAMILY NAME	SCIENTIFIC NAME	ENGLISH NAME	CHINESE NAME	SPACING (mm)	SIZE (HEIGHT x SPREAD) mm	REMARK	QTY
GROUND COVERS	ASD	LILIACEAE	百合科	ASPARAGUS DENSIFLORUS CV. MYERS	FOXTAILFERN	狐尾天冬	250	250 x 250	PLANT ALL SPECIES IN A STAGGERED PATTERN.	1106
	LIR.SPI.	LILIACEAE	百合科	LIRIOPE SPICATA	LILY TURF	麥門冬	200	200 x 200		9353
	NH	NEPHROLEPIDACEAE	腎蕨科	NEPHROLEPIS HIRSUTULA	HAIRY-LEAVED SUORD-FERN	毛葉腎蕨	350	300 x 300		571
	PHC	EUPHORBIACEAE	大戟科	PHYLLANTHUS COCHINCHINENSIS	VIETNAM LEAF-FLOWER	越南葉下珠	200	200 x 200		14127

ACD	PS	AS-CONSTRUCTED	PL	S.MAK	
Rev.	Date	Drawn	Description	Checked	Approved

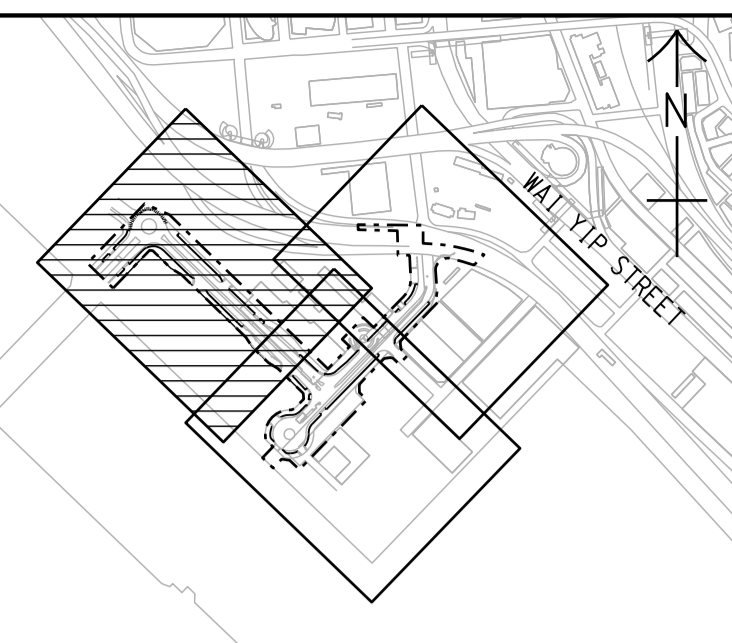
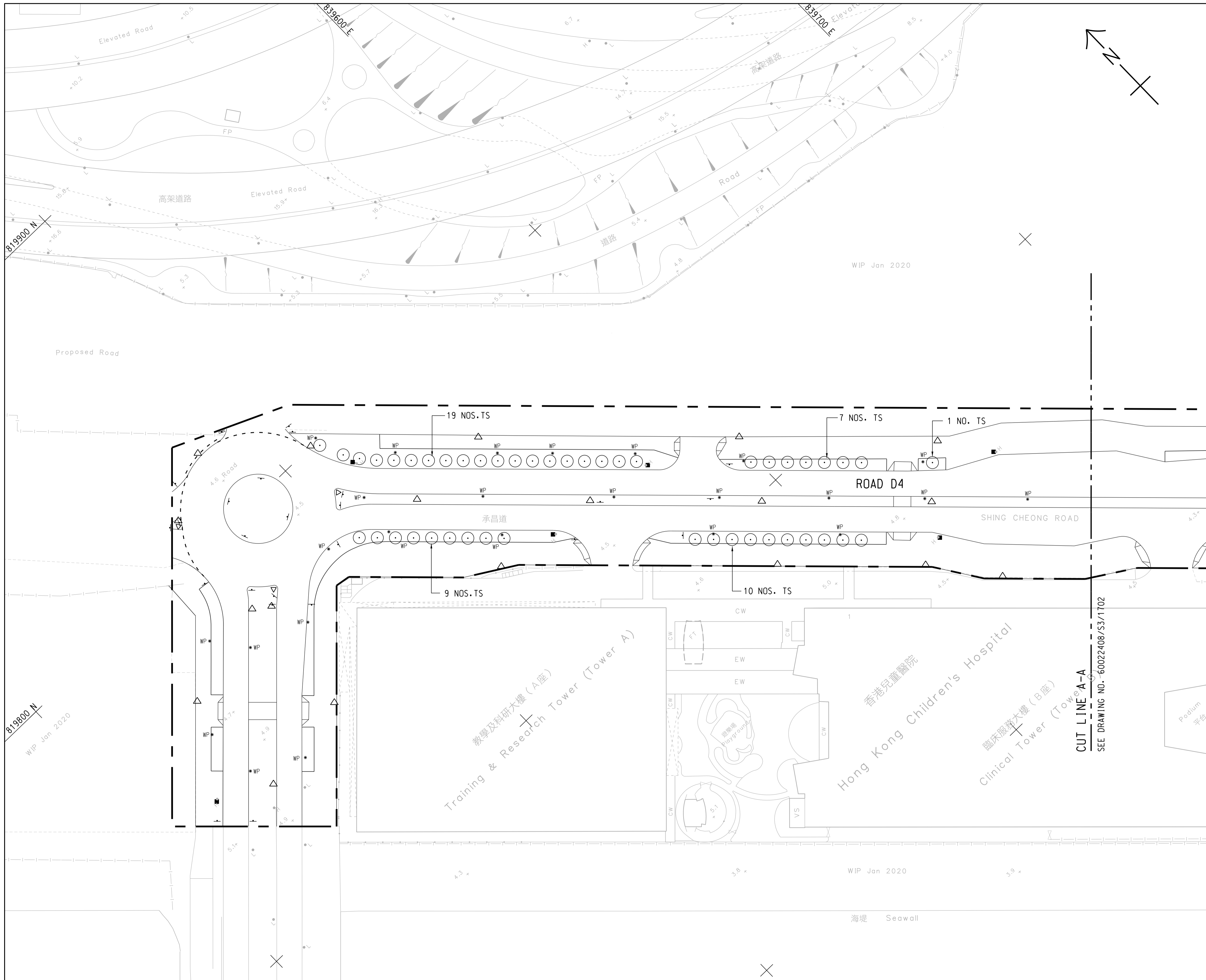


PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
 PLANTING SCHEDULE

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS	REV	
N. T. S.	AS-CONSTRUCTED	ACD	

Drawing No.
 60022408/S3/1700
 © Copyright reserved



KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTES:**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60022408/SK/1702 AND 1703.
 - DETAILS OF STRUCTURAL SOIL REFER LANDSCAPE PARTICULAR SPECIFICATION.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HyD HAS BEEN INCORPORATED INTO THIS DRAWING.

- LEGEND:**
- TREES
 - △ LIGHTING
 - FIRE HYDRANT
 - *WP WATER POINT
 - † TRAFFIC SIGN
 - ↔ DIRECTION SIGN
 - ▲ BOLLARD

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

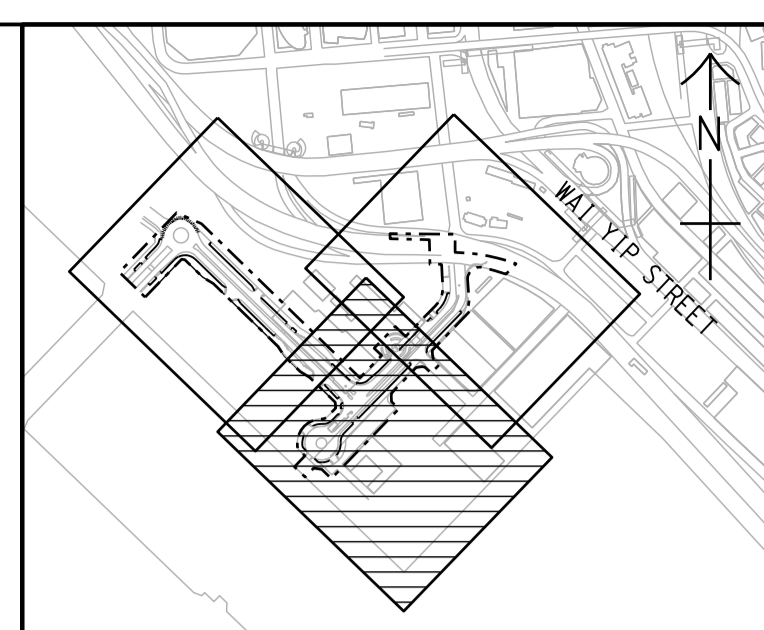
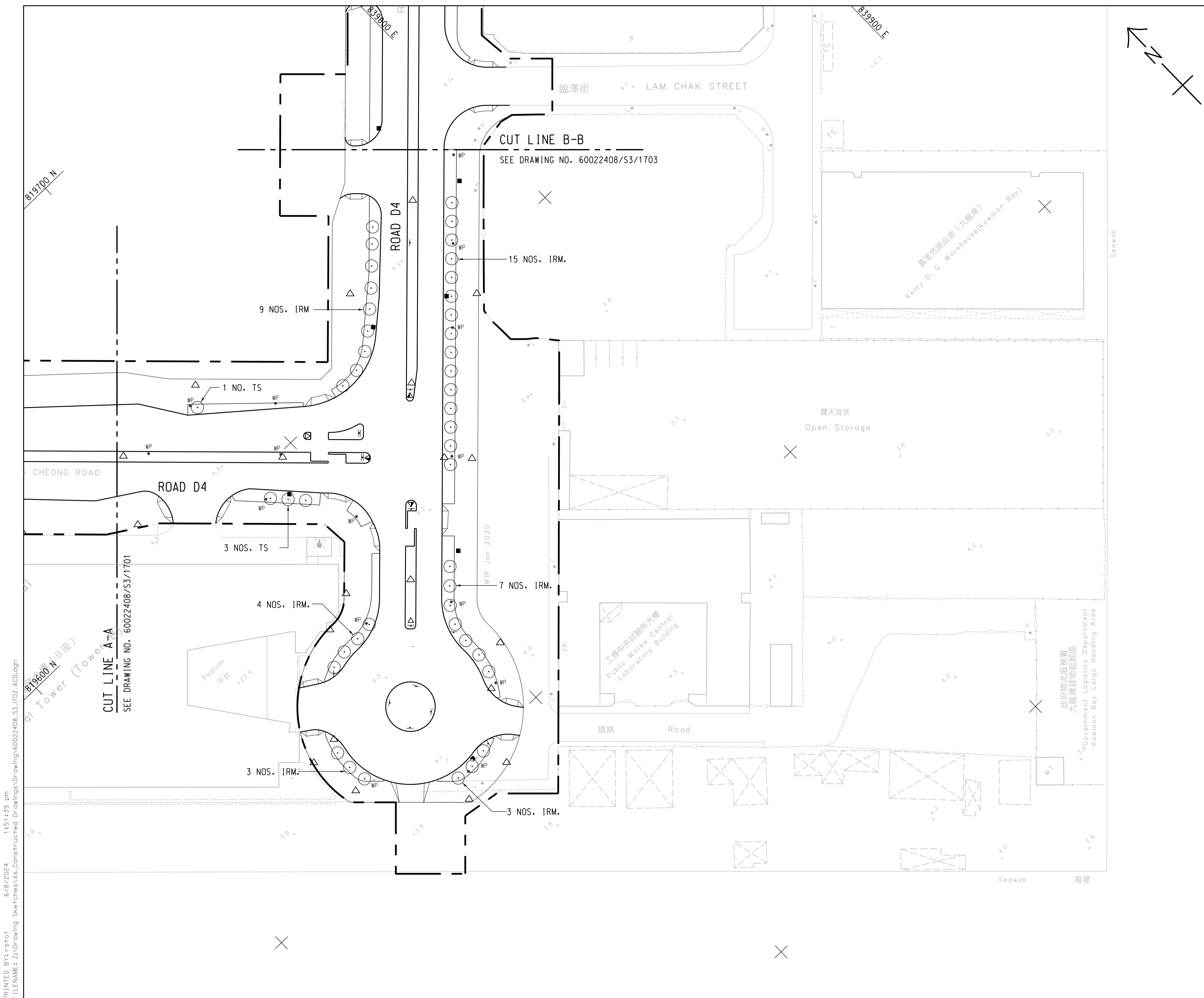
PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
TREE PLANTING PLAN

SHEET 1 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1701			
© Copyright reserved			

PRINTED BY: rst01 7/8/2024 1:31:37 pm
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\Drawing\60022408_S3_1701_ACD.dgn
 PLOT DRIVE: T2_PDF_Alpi+cfg



KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1701.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

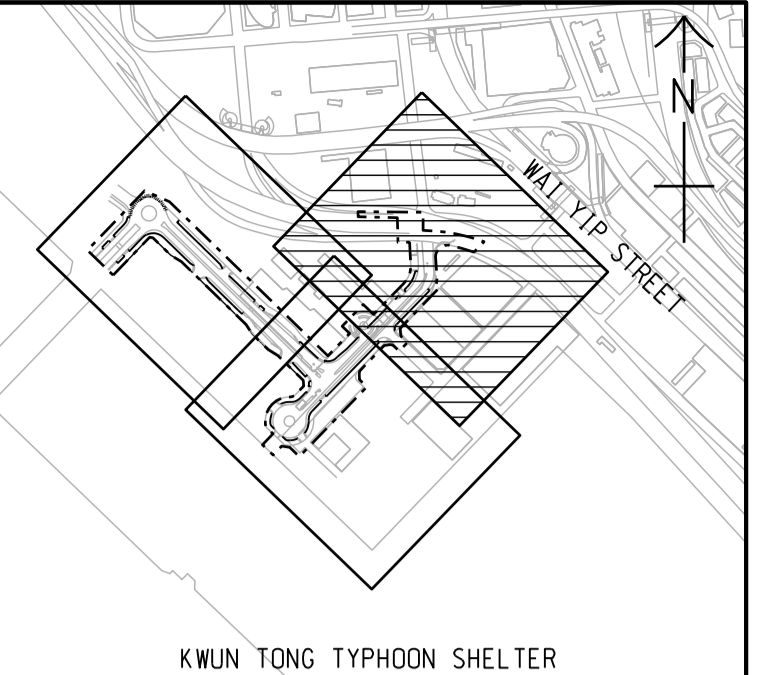
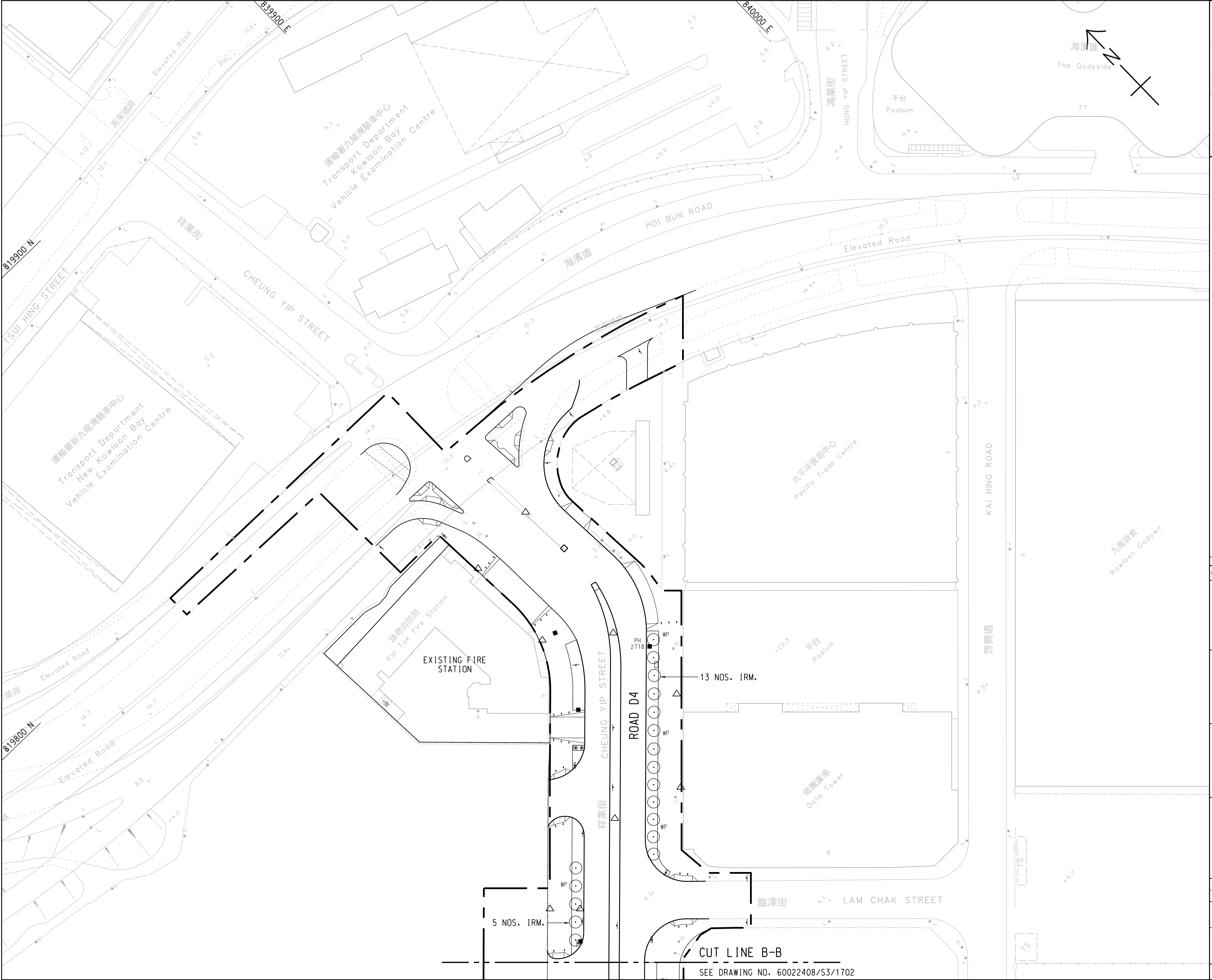
TITLE
TREE PLANTING PLAN

SHEET 2 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1702			
© Copyright reserved			

PRINTED BY: rst01 6/8/2024 1:51:39 pm
FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1702_ACD.dgn

PRINTED BY: rst01 26/8/2024 9:44:02 am
 FILENAME: Z:\Drawing Sketches\specialsubmission for Clement Lai\60022408_S3_1703_SPC.dgn



KEY PLAN
 SCALE A1 1 : 10000
 A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1701.
 - KERB ALIGNMENT FOR JUNCTION IMPROVEMENT WORKS AT CHEUNG YIP STREET AND HOI BUN ROAD CARRIED OUT BY CEDD CONTRACT NO. ED/2018/04 AFTER HANDOVER OF ROADWORKS HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



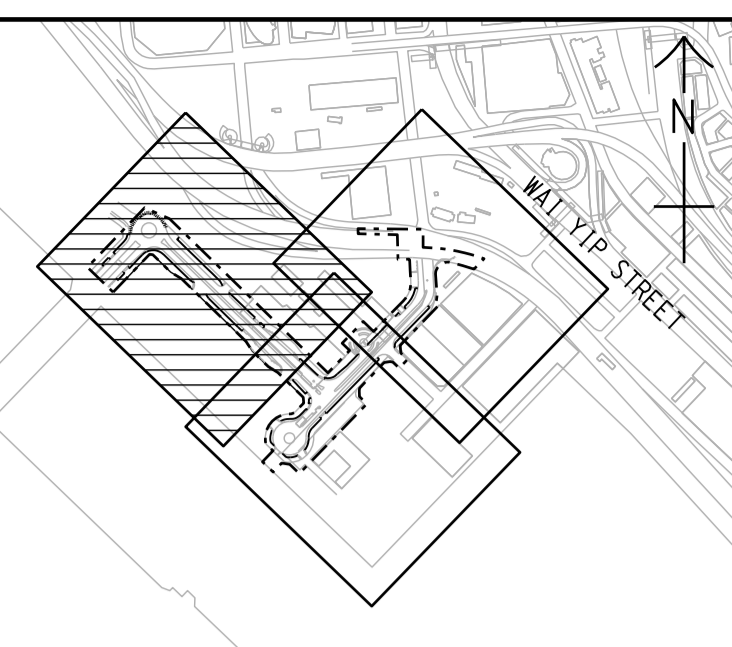
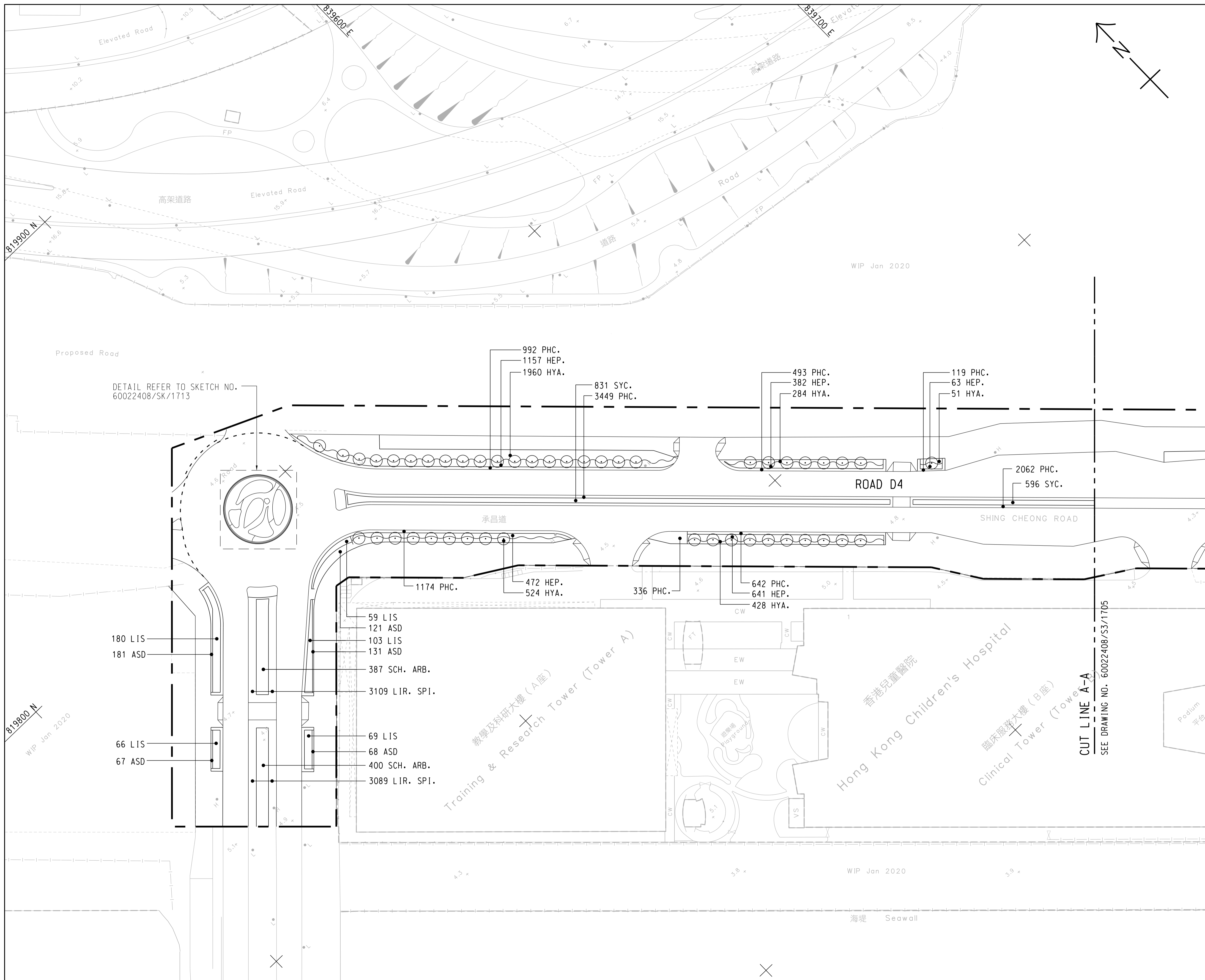
CLIENT
CEDD 土木工程拓展署
 Civil Engineering and
 Development Department
 東拓展處
 East Development Office

PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
TREE PLANTING PLAN
 SHEET 3 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	

Drawing No.
60022408/S3/1703
 © Copyright reserved



KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

NOTE:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60022408/SK/1705 AND 1706.
2. KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.

LEGEND:
 PROPOSED WORK LIMITS
 600x100 THK. CONCRETE MAINTENANCE WALKWAY (REFER DRAWING NO. 60022408/SK/1713)

Rev.	Date	PS	AS-CONSTRUCTED	PL	S.MAK



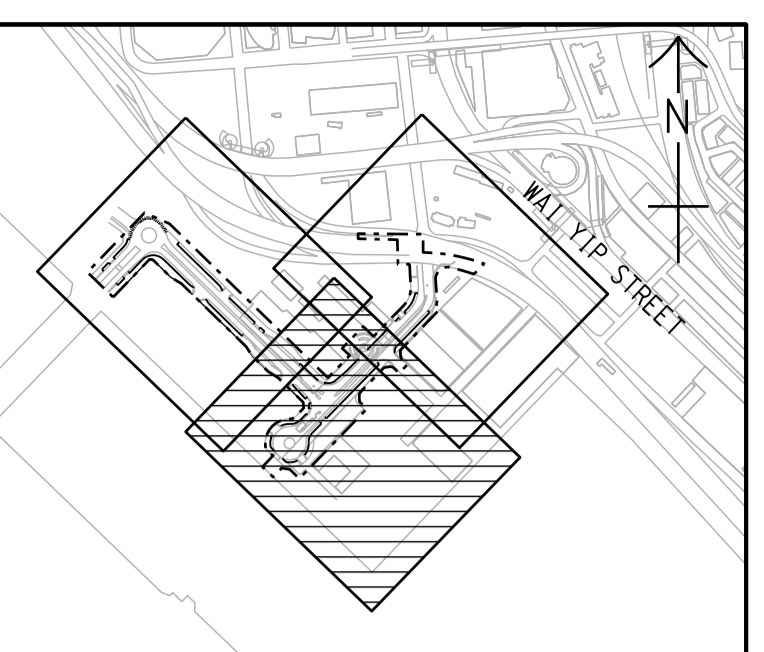
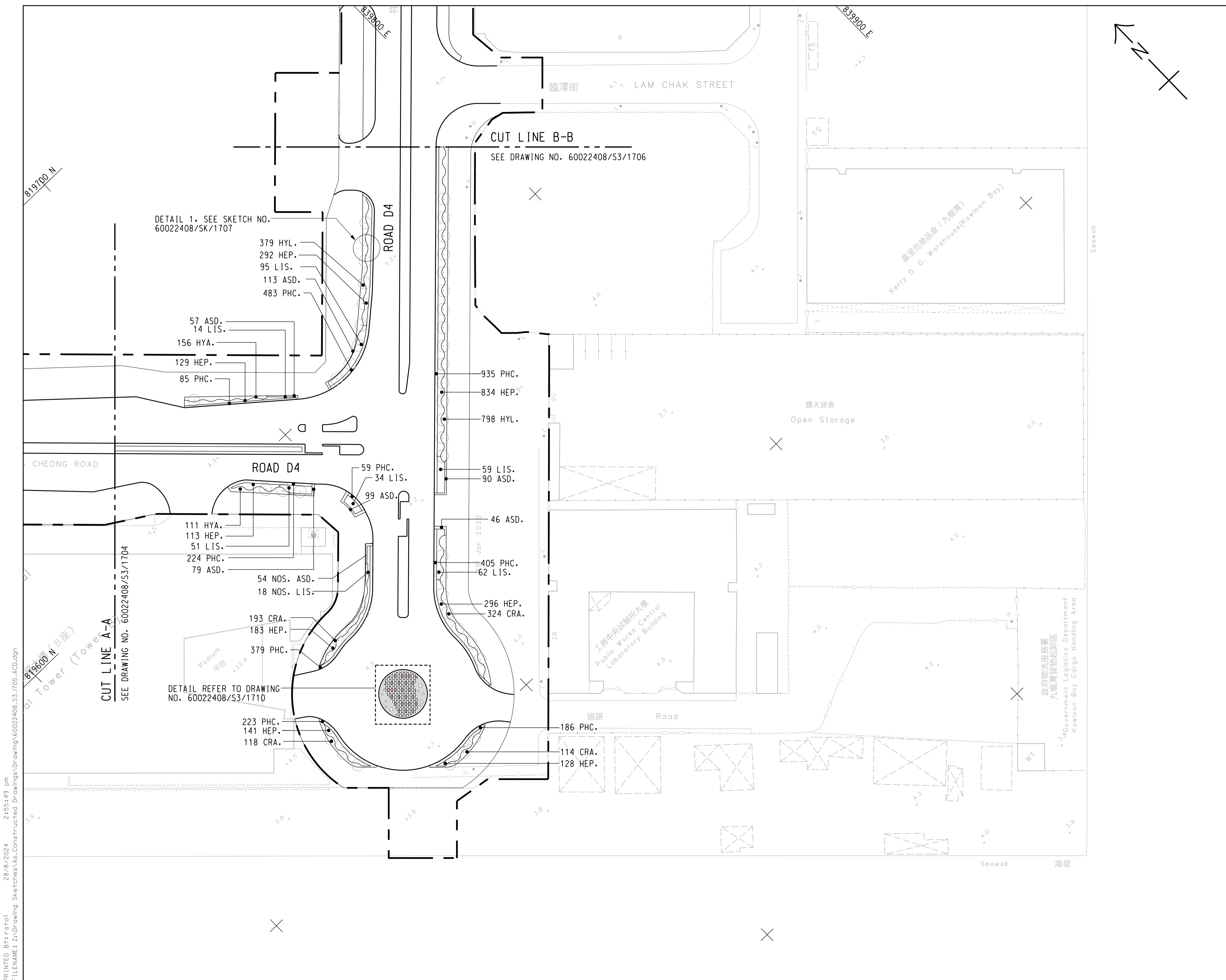
CLIENT
 土木工程拓展署
Civil Engineering and Development Department
東拓展處
East Development Office

PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR DEVELOPMENTS AT THE SOUTHERN PART OF THE FORMER RUNWAY

TITLE
SHRUB PLANTING PLAN
 SHEET 1 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS	REV	
A1 1 : 500 A3 1 : 1000	AS-CONSTRUCTED	ACD	
Drawing No. 60022408/S3/1704			
© Copyright reserved			

PRINTED BY: rst01 7/8/2024 11:38:22 pm
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\Drawing\60022408_S3_1704_ACD.dgn
 PLOT DRIVE: T2_PDF_Alpi+cfq



KWUN TONG TYPHOON SHELTER
KEY PLAN
 SCALE A1 1 : 10000
 A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1704.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HyD HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



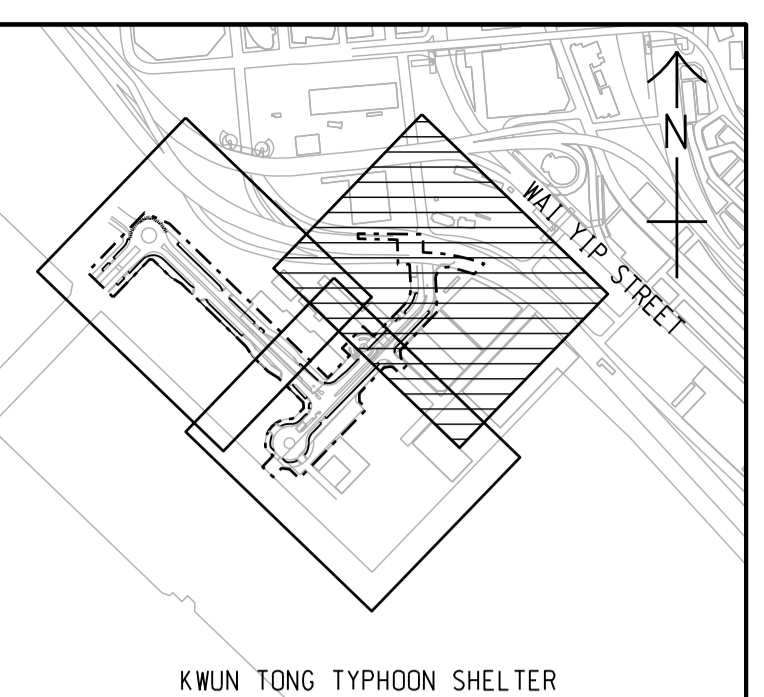
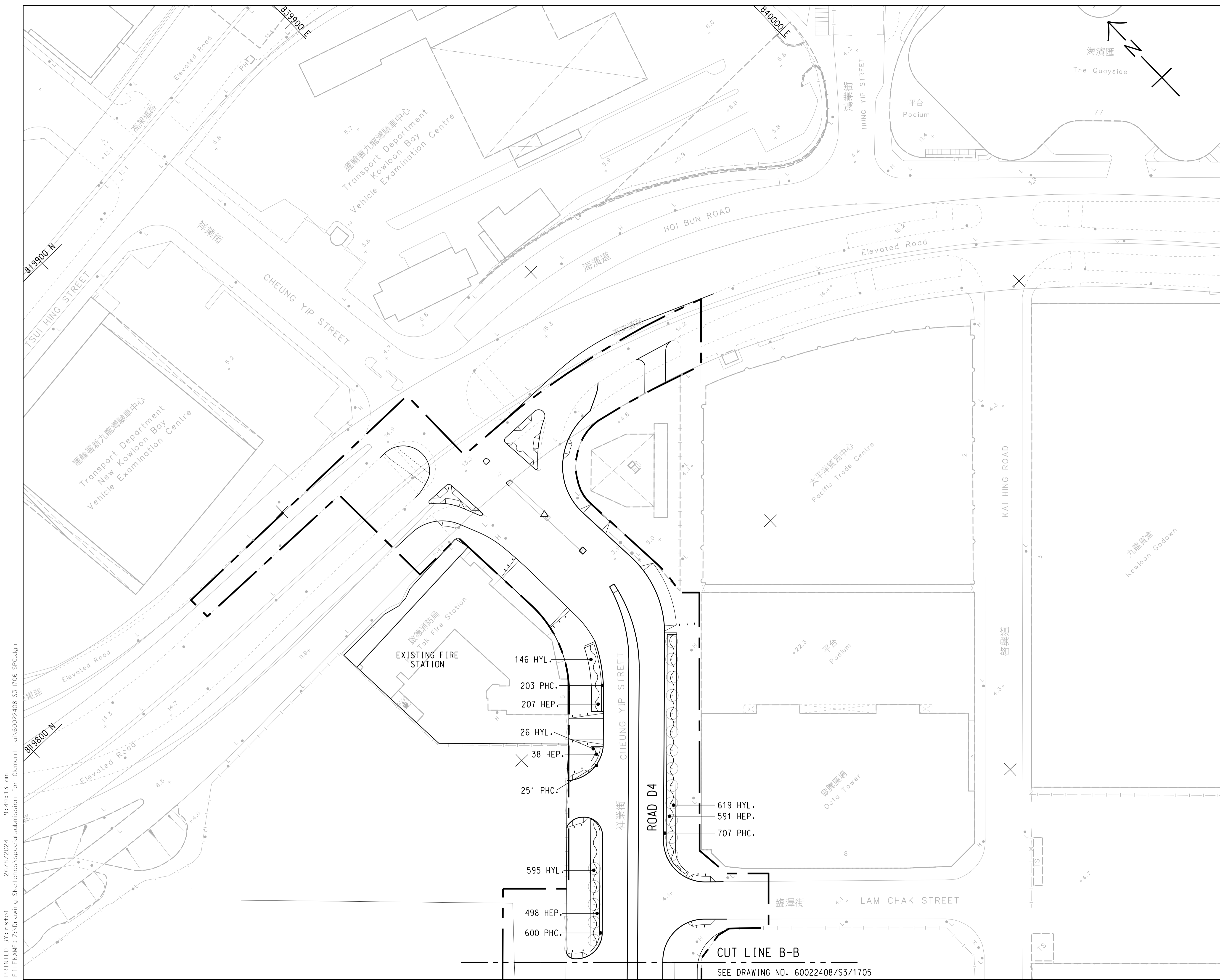
CLIENT
 土木工程拓展署
 Civil Engineering and
 Development Department
 東拓展處
 East Development Office

PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
SHRUB PLANTING PLAN
 SHEET 2 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1705			
© Copyright reserved			

PRINTED BY: rst01 28/8/2024 2:55:49 pm
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1705_ACD.dgn
 PLOT DRIVE: T2_PDF_Alpi+cfg



KEY PLAN
 SCALE A1 1 : 10000
 A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1704.
 - KERB ALIGNMENT FOR JUNCTION IMPROVEMENT WORKS AT CHEUNG YIP STREET AND HOI BUN ROAD CARRIED OUT BY CEDD CONTRACT NO. ED/2018/04 AFTER HANDOVER OF ROADWORKS HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



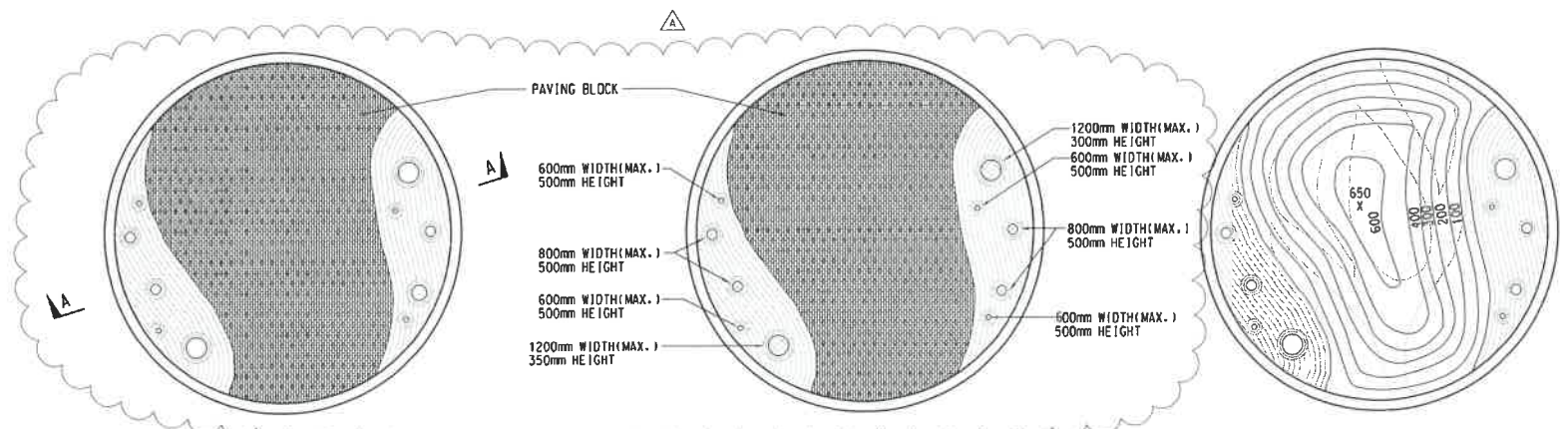
PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
 SHRUB PLANTING PLAN

SHEET 3 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1706			
© Copyright reserved			

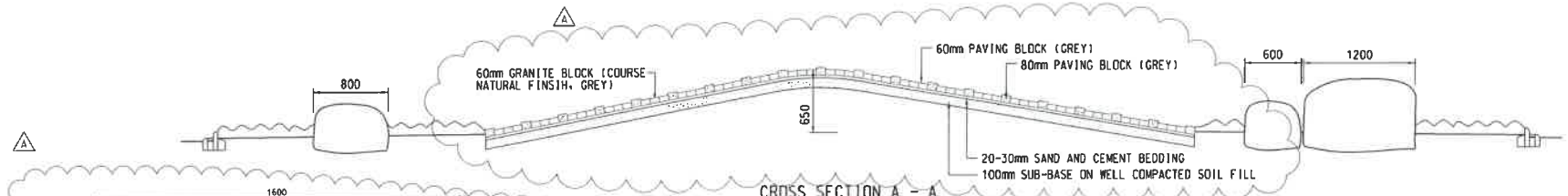
PRINTED BY: rst01 26/8/2024 9:49:13 am
 FILENAME: Z:\Drawing Sketches\specialsubmission for Clement Lai\60022408_S3.IT06_SPC.dgn
 PLOT DRIVE: T2.PDF.AI.plt+cfg



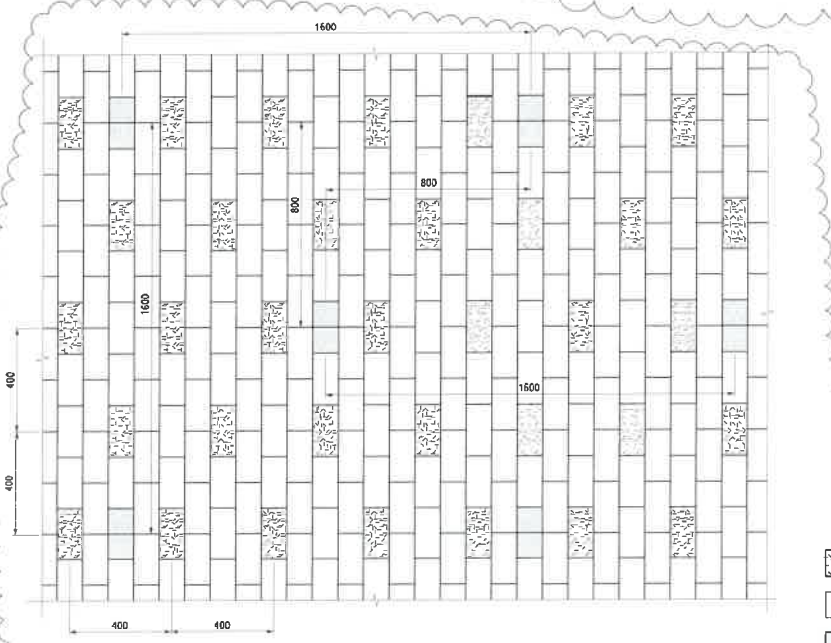
GENERAL LAYOUT PLAN OF ROUNDABOUT
SCALE A1 1 : 100
A3 1 : 200

HARD AND SOFT LANDSCAPE DETAIL PLAN AT ROUNDABOUT
SCALE A1 1 : 100
A3 1 : 200

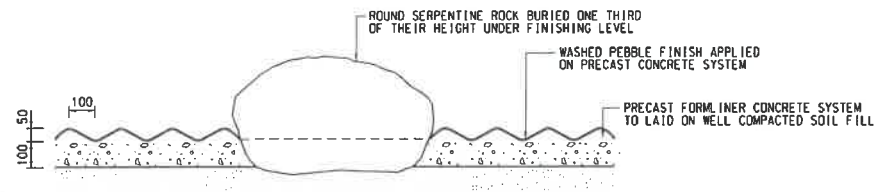
CONTOUR PLAN OF ROUNDABOUT
SCALE A1 1 : 100
A3 1 : 200



CROSS SECTION A - A
SCALE A1 1 : 25
A3 1 : 50



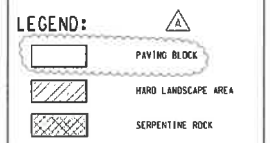
TYPICAL PAVING PATTERN AT ROUNDABOUT AND CENTRAL MEDIAN OF CHEUNG YIP STREET
SCALE A1 1 : 10
A3 1 : 20



TYPICAL DETAIL OF HARD LANDSCAPE FEATURE AT ROUNDABOUT
SCALE A1 1 : 10
A3 1 : 20

- 200mm x 100mm x 80mm (THK.) CONCRETE PAVING BLOCK
- 200mm x 100mm x 60mm (THK.) CONCRETE PAVING BLOCK
- 2 x 100mm x 100mm x 60mm (THK.) GRANITE BLOCK

- NOTES:**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60022408/SK/1701 TO 1706.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INCLUDING METHOD STATEMENT, FIXING DETAILS, FINISHING, ARRANGEMENT, FOUNDATION AND DRAINAGE DESIGN FOR THE HARD LANDSCAPE FEATURE FOR ENGINEER'S APPROVAL PRIOR TO CONSTRUCTION.
 - THE HARD LANDSCAPE FEATURES SHALL BE FREE FROM WATER PONDING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOUNDATION DESIGN OF THE HARD LANDSCAPE FEATURE SUCH THAT SETTLEMENT SHOULD BE AVOIDED.



Rev.	Date	Drawn	Description	Checked	Approved
A	MAR 2021	PS	GENERAL REVISION	JC	PL
-	DEC 2017	PS	GENERAL REVISION	PL	CV

Hyder MEINHARDT
PLANNING & DESIGN

CLIENT
CEDD 土木工程拓展署
Civil Engineering and Development Department
黃拓展處
Road Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

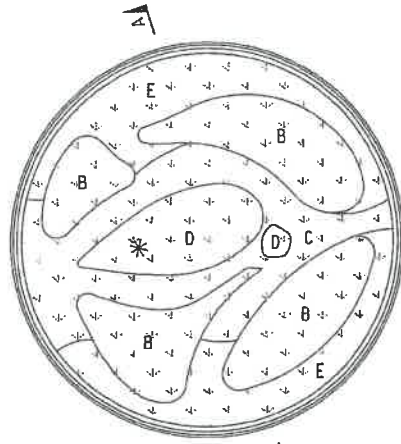
TITLE
**LANDSCAPE PLAN AT
CHEUNG YIP STREET ROUNDABOUT**

DESIGNED	CHKD	CHECKED	JC
PS	PS	APPROVED	PL

SCALE AT A1
AS SHOWN STATUS DETAILED DESIGN REV A

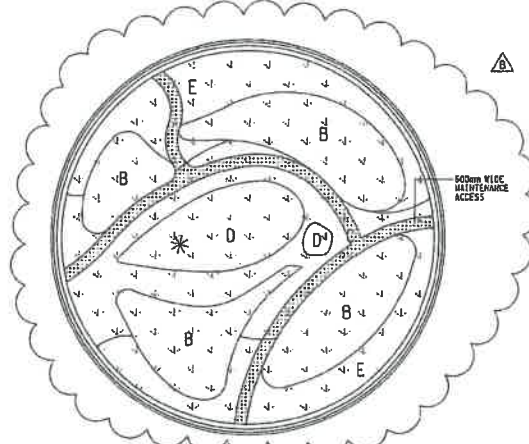
SITE SHEET NO.
60022408/SK/1710

© Copyright reserved



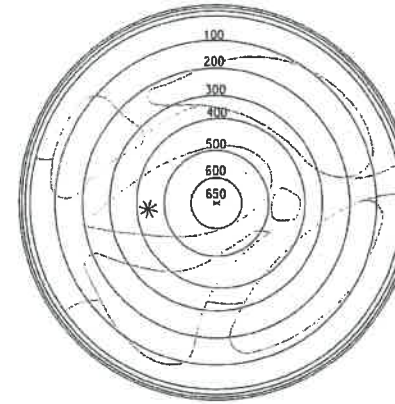
GENERAL LAYOUT PLAN OF ROUNDABOUT

SCALE A1 : 1 : 125
A3 : 1 : 250



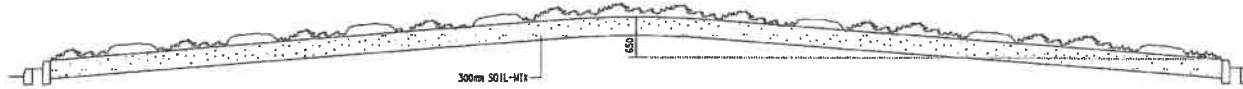
SOFT LANDSCAPE DETAIL PLAN AT ROUNDABOUT

SCALE A1 : 1 : 125
A3 : 1 : 250



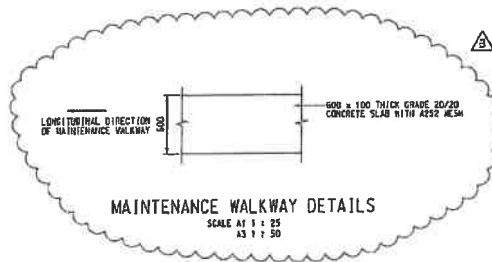
CONTOUR PLAN OF ROUNDABOUT

SCALE A1 : 1 : 125
A3 : 1 : 250



CROSS SECTION A - A

SCALE A1 : 1 : 40
A3 : 1 : 80



MAINTENANCE WALKWAY DETAILS

SCALE A1 : 1 : 25
A3 : 1 : 50

	ABBREVIATION	SCIENTIFIC NAME	CHINESE NAME	REMARK
B	HYL	HYMENOCELLIS LITTORALIS "VARIEGATA"	花葉物物蘭	PLANTING SIZE AND SPACING REFER TO PLANTING SCHEDULE
C	NH	NEPHROLEPIS HIRSUTULA	毛蕨腎蕨	
D	HPR	HELICONIA PSITTACORUM "RAINBOW"	彩虹鳥蕨	
E	LIR. SPI.	LIRIOPE SPICATA	賽門冬	

NOTES:

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH SKETCH NOS. 60022408/SK/1101 TO 1106.

LEGEND:



PLANTING AREA



WATER POINT

Rev.	Date	Drawn	Description	Checked	Approved
B	JAN 2020	PS	GENERAL REVISION	JK	PL
A	FEB 2018	PS	GENERAL REVISION	ME	CV
	DEC 2011	PS	FIRST ISSUE	PL	CV



CLIENT



PROJECT

CONTRACT NO. KL2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE

LANDSCAPE PLAN AT
SHING CHEONG ROAD ROUNDABOUT

DESIGNED	CHK	APPROVED	REV
DRWN	PS	APPROVED	PL

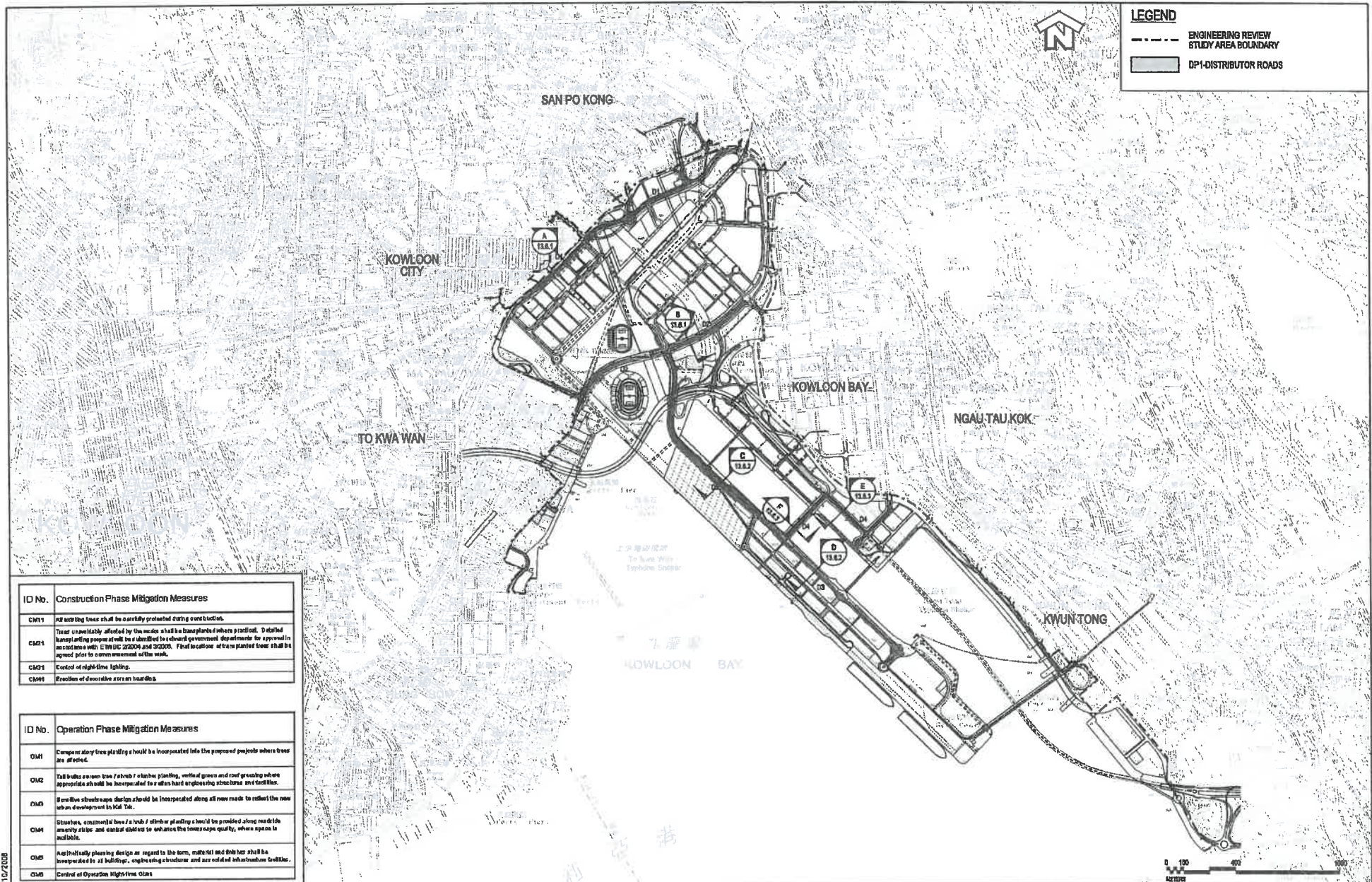
SCALE AS SHOWN AS SHOWN
SCALE AS SHOWN
SCALE AS SHOWN
SCALE AS SHOWN

50022408/SK/1713

Copyright reserved



LEGEND	
	ENGINEERING REVIEW STUDY AREA BOUNDARY
	DP1-DISTRIBUTOR ROADS



ID No.	Construction Phase Mitigation Measures
CM1	All existing trees shall be carefully protected during construction.
CM2	Trees unavoidably affected by the works shall be transplanted where practical. Detailed transplanting proposals will be submitted to relevant government departments for approval in accordance with E/TPW/DC 2006/04 and 2020/05. Final locations where plants to be transplanted shall be agreed prior to commencing of the work.
CM3	Control of night-time lighting.
CM4	Evolution of decorative screen boundaries.

ID No.	Operation Phase Mitigation Measures
OM1	Compensatory tree planting should be incorporated into the proposed projects where trees are affected.
OM2	Tall bushes screen trees / shrub / climber planting, vertical green and roof greening where appropriate should be incorporated to soften hard engineering structures and facilities.
OM3	Street line streetscape design should be incorporated along all new roads to reflect the new urban development in Kowloon.
OM4	Discharge, containment bins / bins / skips at planting should be provided along road side amenity strips and central sidewalks to enhance the townscape quality, where space is available.
OM5	Architectural pleasing design as regard to the form, material and color shall be incorporated to all buildings, engineering structures and associated infrastructure facilities.
OM6	Control of Operation High-rise Signs

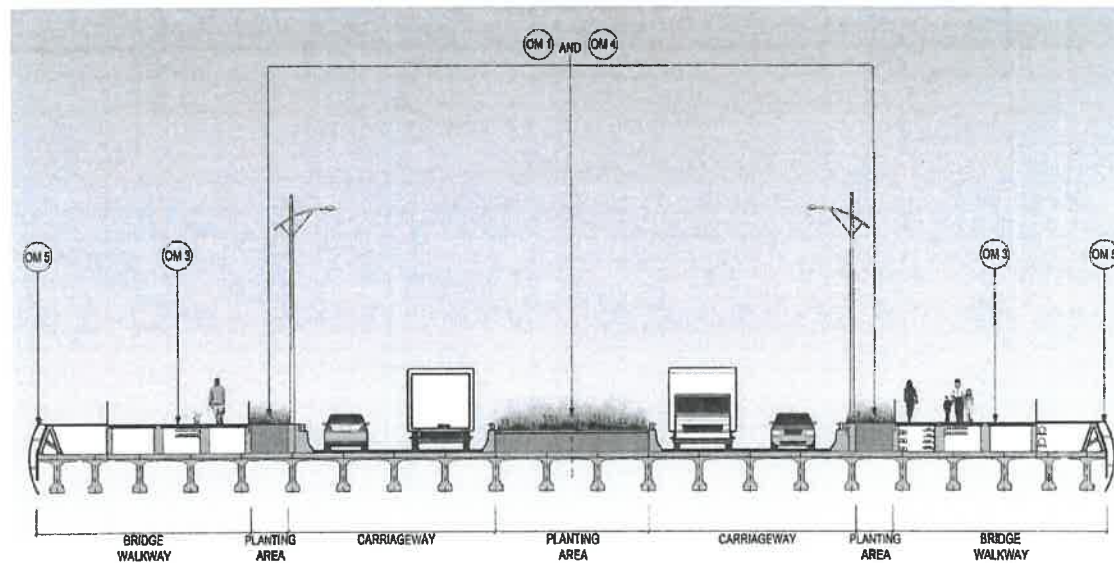
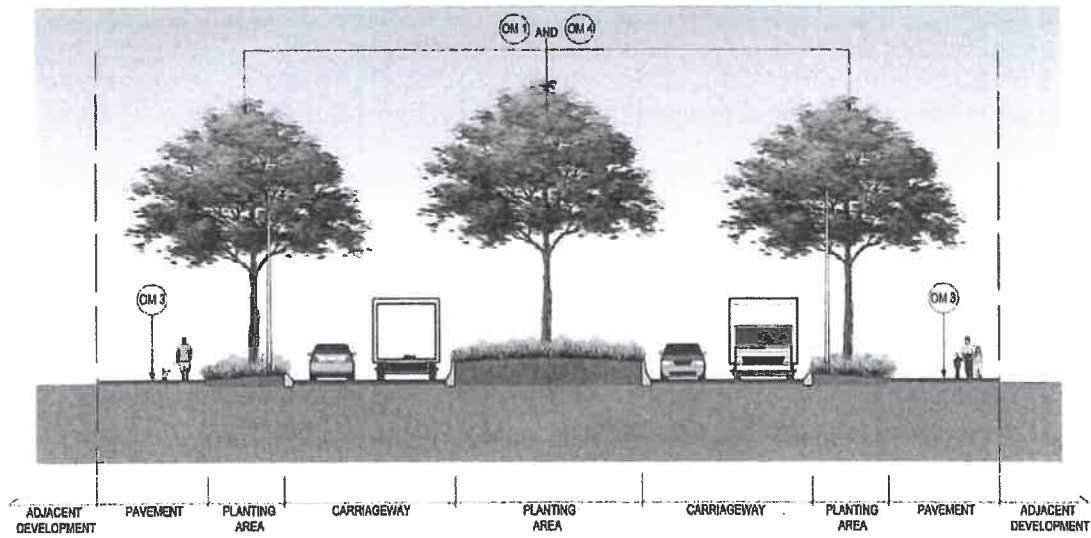
AGREEMENT NO. CE 35/2006 (CE)
 KAI TAK DEVELOPMENT ENGINEERING STUDY CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION

MITIGATION MEASURES AND KEY PLAN FOR DP1 - DISTRIBUTOR ROADS

SCALE	A3 1:20000	DATE	MAY 2008
CHECK	JC	DRAWN	FL
JOB No.	60022408	DRAWING No.	FIGURE 13.6
		REV	-

Plot File by : 20/10/2008
 D:\eol\Taka\drawing\gnr\FIGURE 13-06-00.dgn

MAUNSELL | AECOM
 Maunsell Consultants Asia Ltd



SECTION - F (ROAD D4 - TAXIWAY BRIDGE)

Plot File by : 20/10/2008

MAUNSELL | AECOM
Maunsell Consultants Asia Ltd

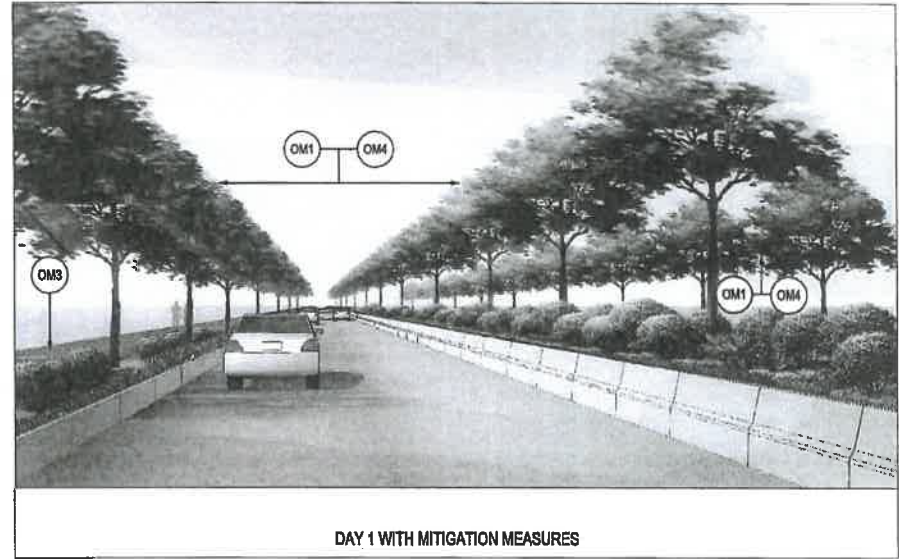
AGREEMENT NO. CE 35/2006 (CE)
KAI TAK DEVELOPMENT ENGINEERING STUDY CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION

MITIGATION MEASURES FOR DISTRIBUTOR ROAD D4

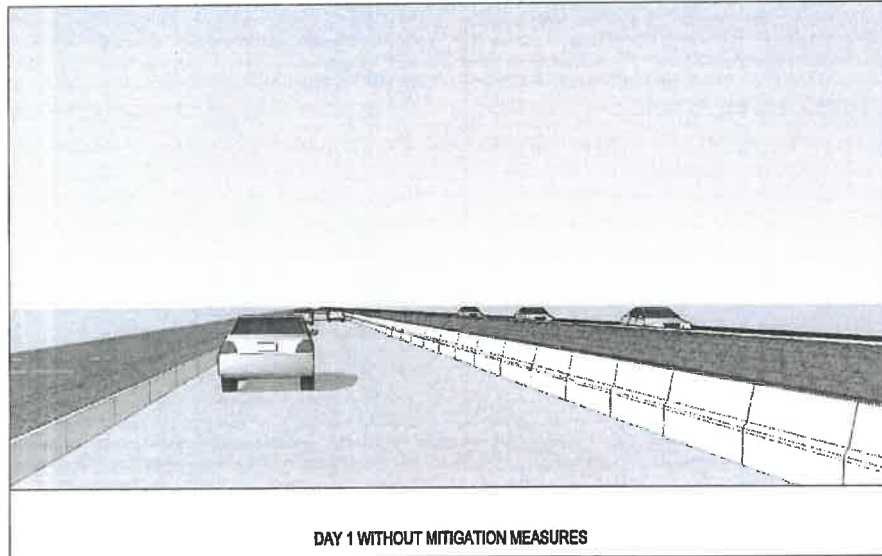
SCALE	A3 1:000	DATE	MAY 2008
CHECK	JC	DRAWN	FL
JOB No.	60022408	DRAWING No.	FIGURE 13.6.3
		REV	-

NO EXISTING
PHOTO REFERENCE

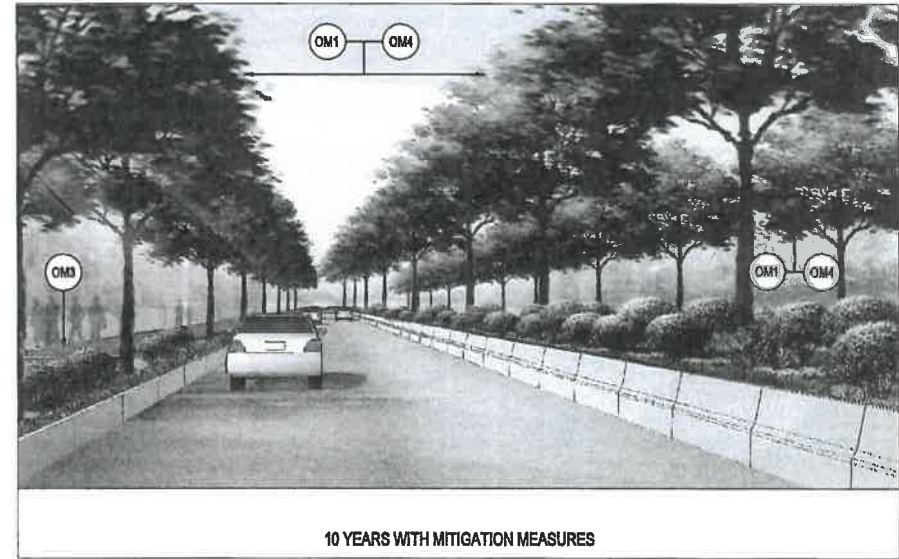
EXISTING CONDITION



DAY 1 WITH MITIGATION MEASURES



DAY 1 WITHOUT MITIGATION MEASURES



10 YEARS WITH MITIGATION MEASURES

Plot File by : 20/10/2008

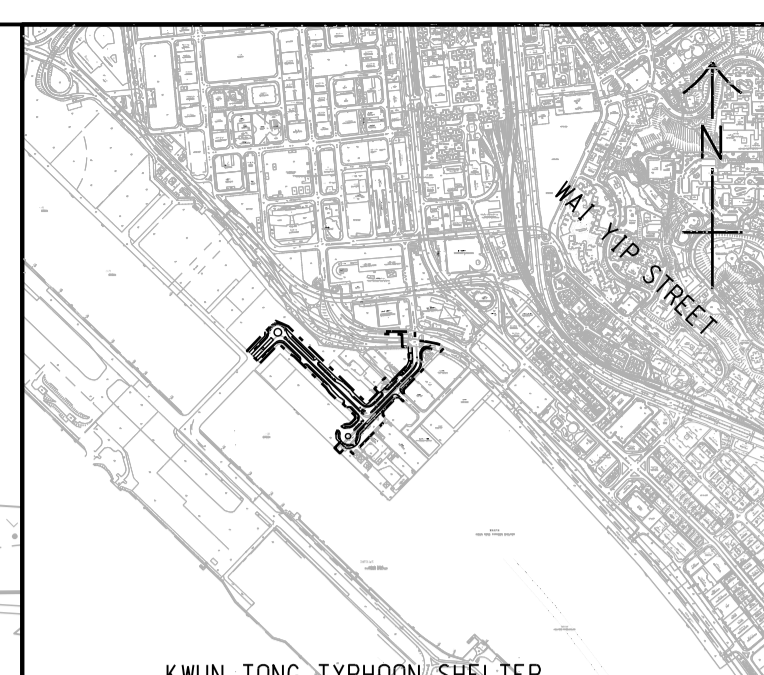
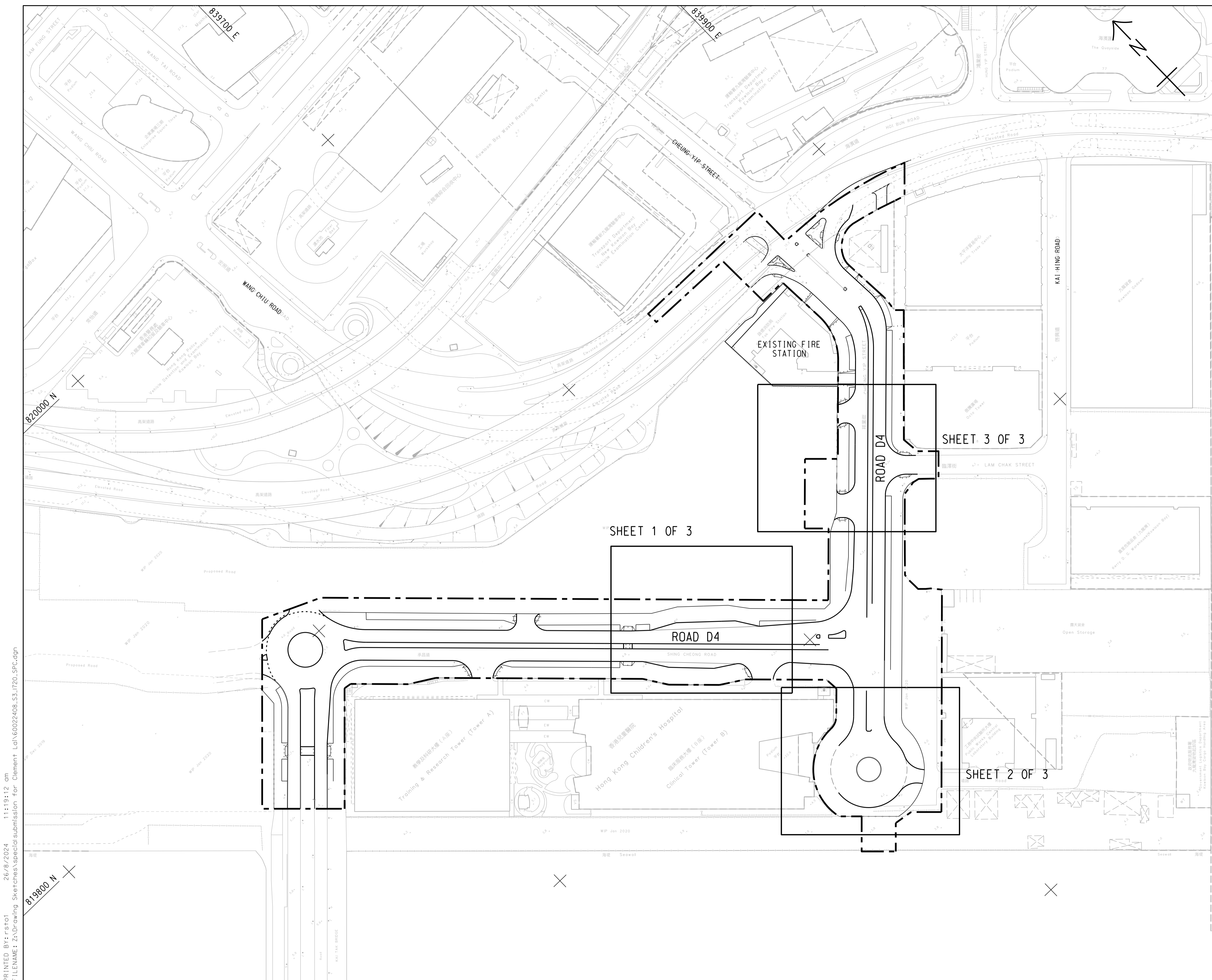
MAUNSELL | AECOM
Maunsell Consultants Asia Ltd

AGREEMENT NO. CE 35/2006 (CE)
KAI TAK DEVELOPMENT ENGINEERING STUDY CUM DESIGN AND CONSTRUCTION OF ADVANCE WORKS-INVESTIGATION, DESIGN AND CONSTRUCTION

VIEW POINT NO.21 MODEL VIEW FROM ROAD D4

SCALE	A3 1:500	DATE	MAY 2008
CHECK	JC	DRAWN	FL
JOB No.	60022408	DRAWING No.	FIGURE 13.8A23
		REV	-

2.Paving Layout



LOCATION PLAN
 SCALE A1 1 : 20000
 A3 1 : 40000

- NOTE:**
1. KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.
 2. KERB ALIGNMENT FOR JUNCTION IMPROVEMENT WORKS AT CHEUNG YIP STREET AND HOI BUN ROAD CARRIED OUT BY CEDD CONTRACT NO. ED/2018/04 AFTER HANDOVER OF ROADWORKS HAS BEEN INCORPORATED INTO THIS DRAWING.

LEGEND:

--- PROPOSED WORK LIMITS

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT

CEDD 土木工程拓展署
 Civil Engineering and
 Development Department
 東拓展處
 East Development Office

PROJECT

CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE

PAVING LAYOUT - KEY PLAN

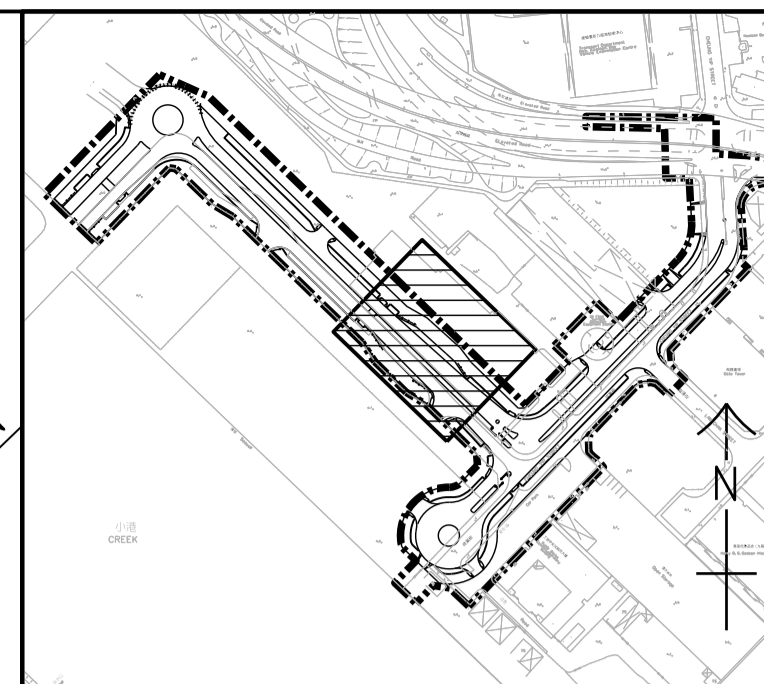
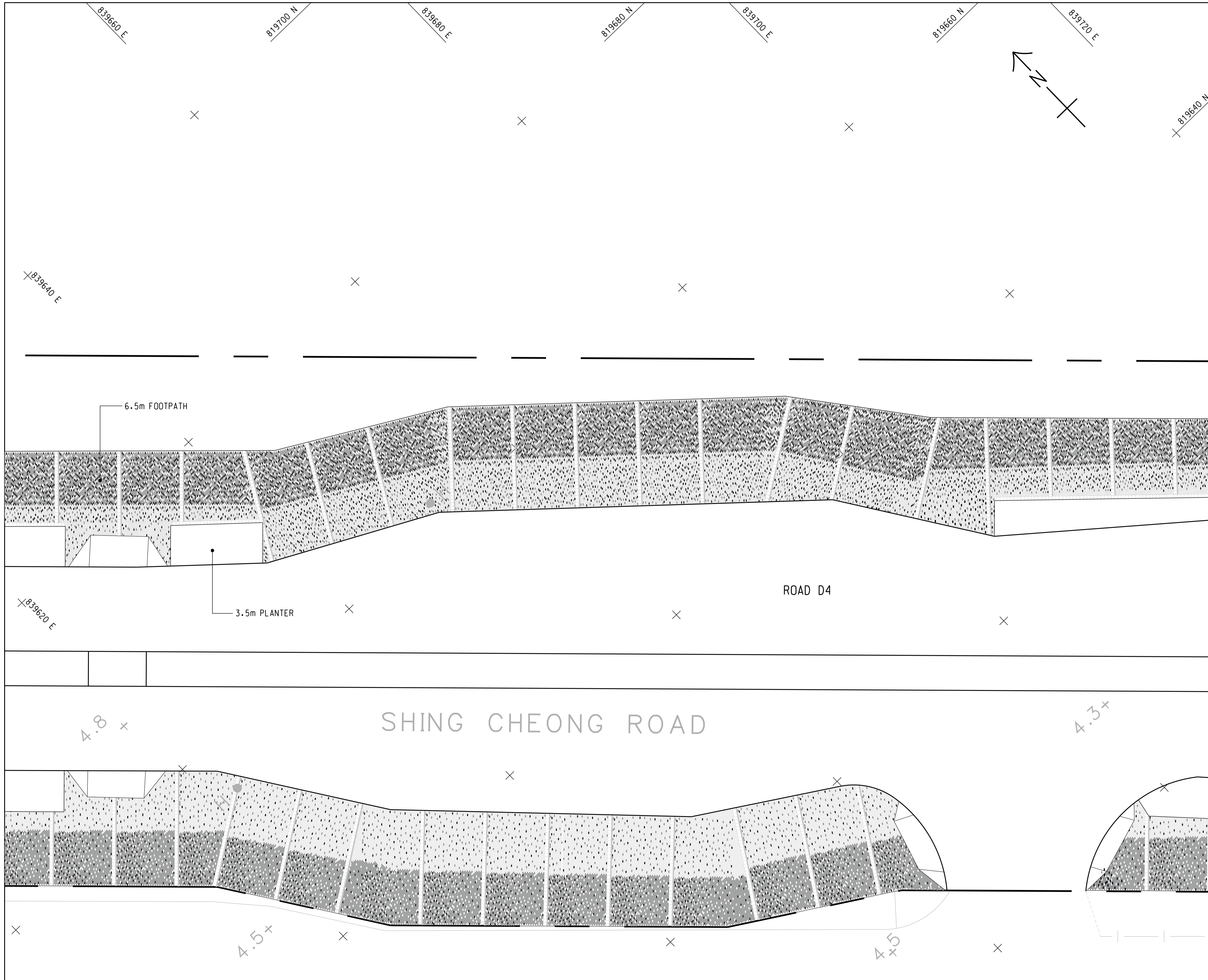
DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 1000 A3 1 : 2000	STATUS AS-CONSTRUCTED	REV ACD	

Drawing No.

60022408/S3/1720

© Copyright reserved

PRINTED BY: rst01 26/8/2024 11:19:12 am
 FILENAME: Z:\Drawing Sketches\specialsubmission for Clement Lai\60022408_S3_1720_SPC.dgn



KEY PLAN
SCALE A1 1 : 5000
A3 1 : 10000

- NOTES:**
- FOR DETAILS OF PAVING PATTERN, REFER TO DRAWING NO. 60022408/S3/1724.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.

LEGEND:

--- WORK LIMITS

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT

土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

PROJECT

CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

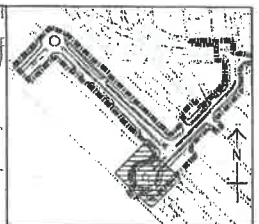
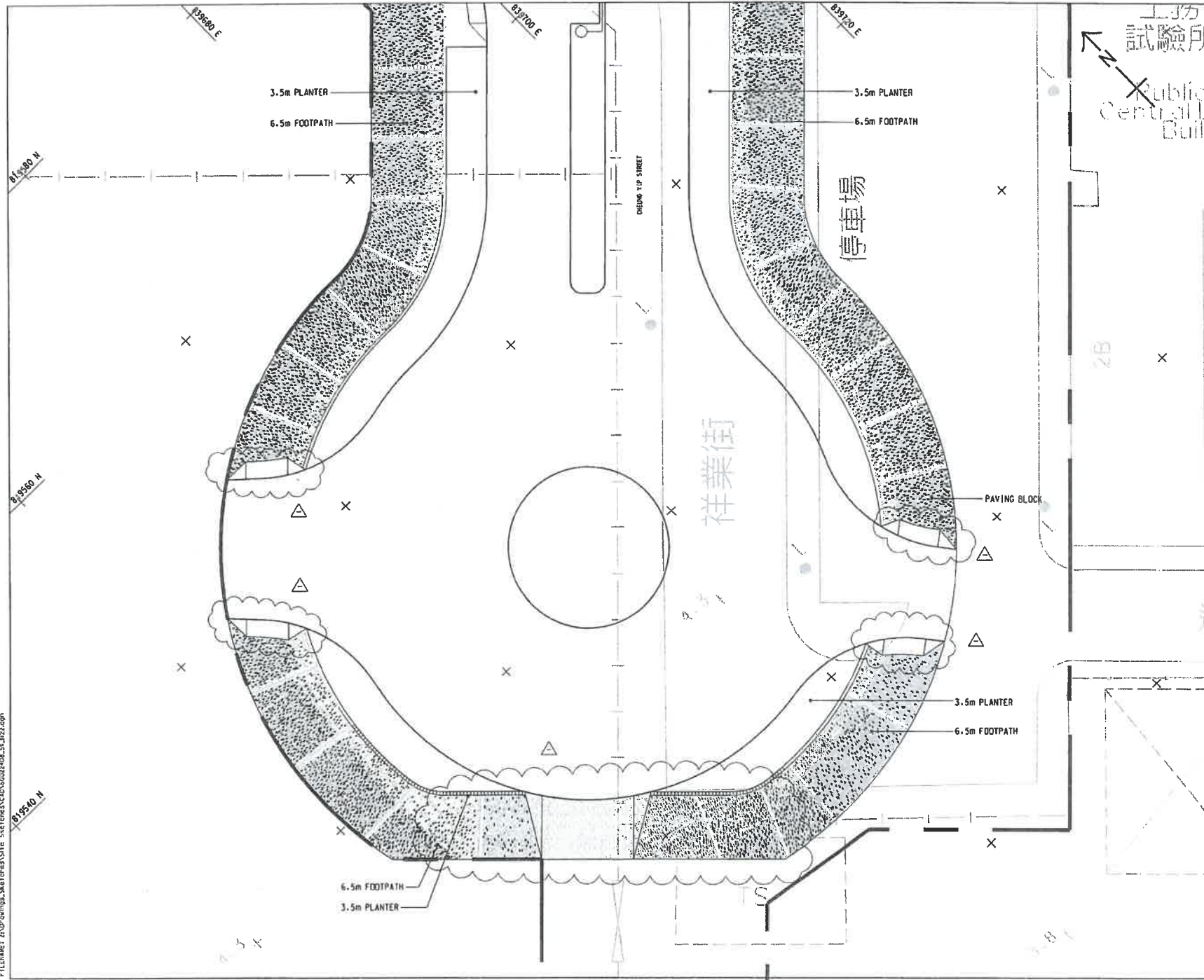
TITLE

PAVING LAYOUT

(SHEET 1 OF 3)

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS	REV	
A1 1 : 150 A3 1 : 300	AS-CONSTRUCTED	ACD	
Drawing No.			
60022408/S3/1721			
© Copyright reserved			

PRINTED BY: rst01 7/8/2024 2:57:33 pm
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408-S3-IT2-ACD.dgn



KEY PLAN
SCALE A3 : 1 : 5000
A3 : 1 : 10000

NOTE:
1. FOR NOTES AND LEGEND, REFER TO DRAWING NO. 60022408/SK/1722.

Rev.	Date	Drawn	DESCRIPTION	Checked	Approved



CLIENT
 土木工程拓展署
Civil Engineering and Development Department
九龍新發展處
Kowloon Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAJ TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE

PAVING LAYOUT

SHEET 2 OF 31

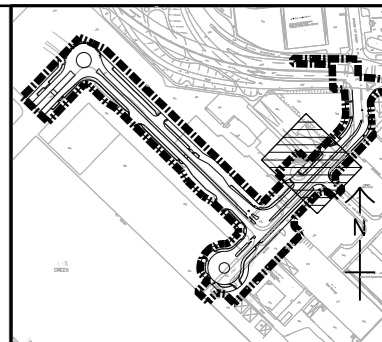
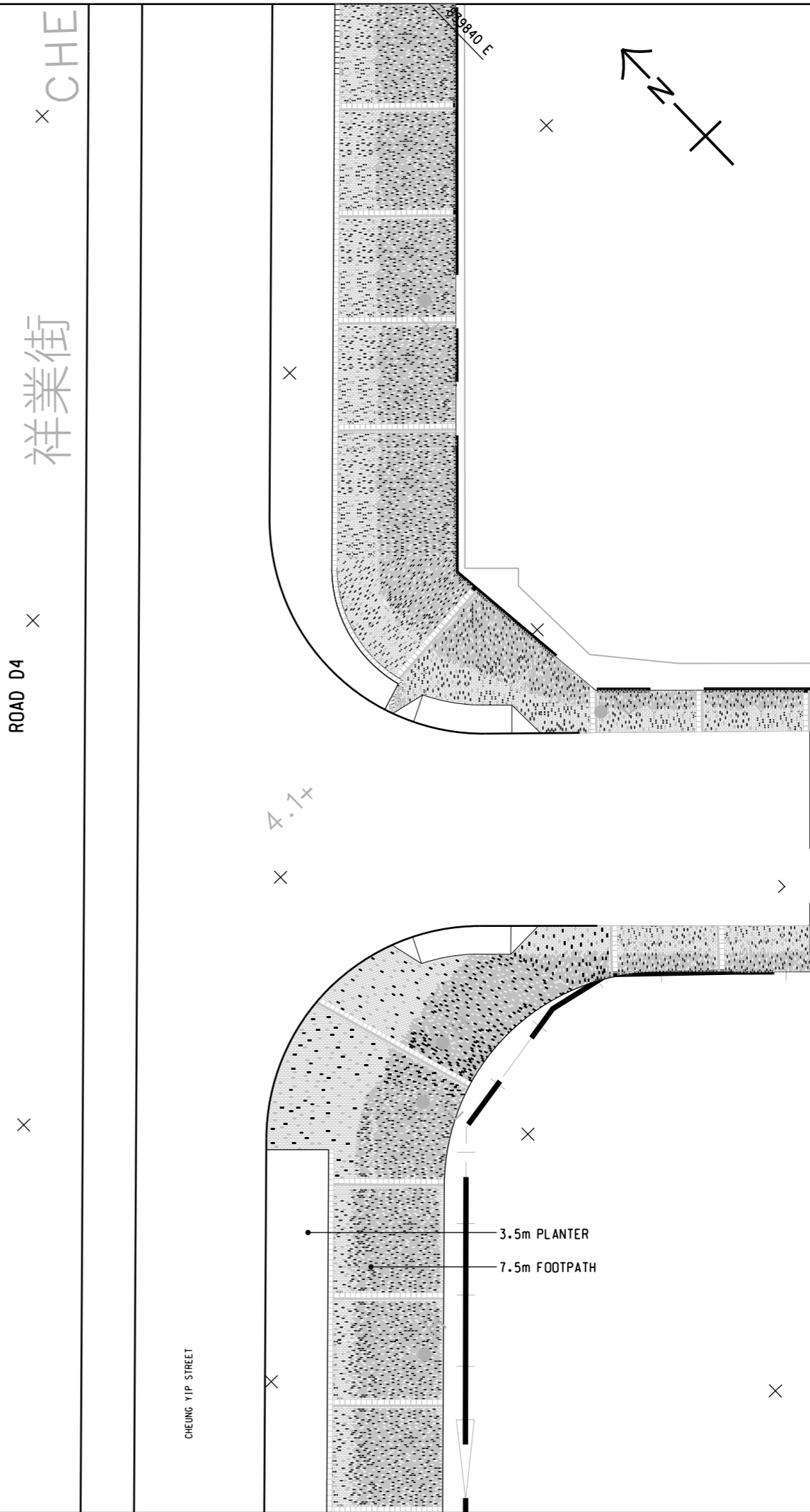
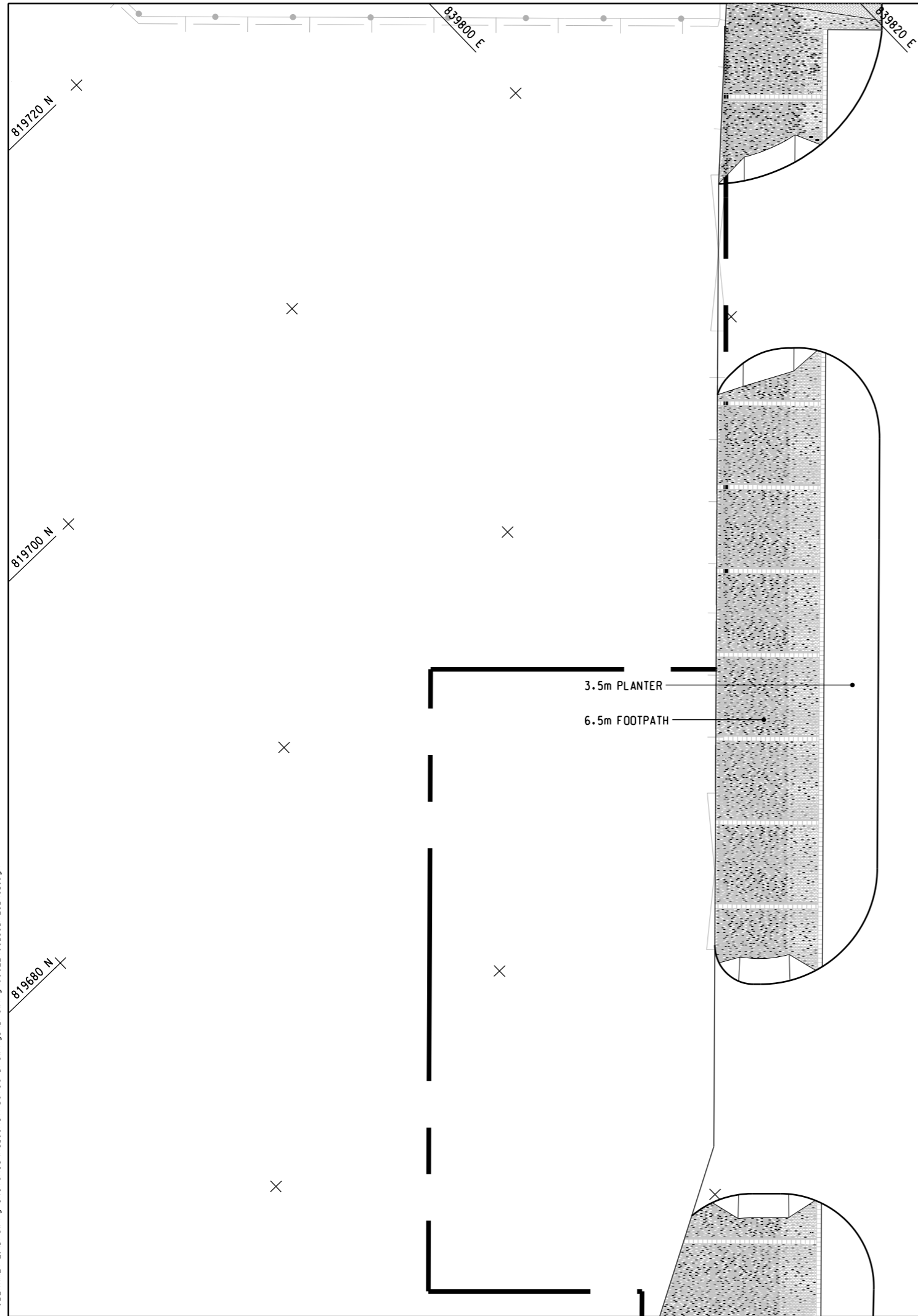
DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	CV

SCALE AT A3
A3 : 1 : 1500
A3 : 1 : 2000
SITE SLEETCH No.

60022408/SK/1722
© Copyright reserved

PRINTED BY: Patrick S. Ng, 11/20/2018, 2:11:21 PM
 FILENAME: I:\D:\civ\pav\sketch\stage3\inf\60022408_S3_P22.dwg
 PLOT DRIVE: KL201403-PPF-BW.plt

PRINTED BY: rst01 29/5/2024 10:35:44 am
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1723_ACD.dgn



KEY PLAN
 SCALE A1 1 : 5000
 A3 1 : 10000

NOTE:
 1. FOR NOTES AND LEGEND, REFER TO DRAWING NO. 60022408/S3/1721.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
 土木工程拓展署
 Civil Engineering and
 Development Department
 東拓展處
 East Development Office

PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
PAVING LAYOUT
 (SHEET 3 OF 3)

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK

SCALE AT A1
 A1 1 : 150
 A3 1 : 300

STATUS
 AS-CONSTRUCTED

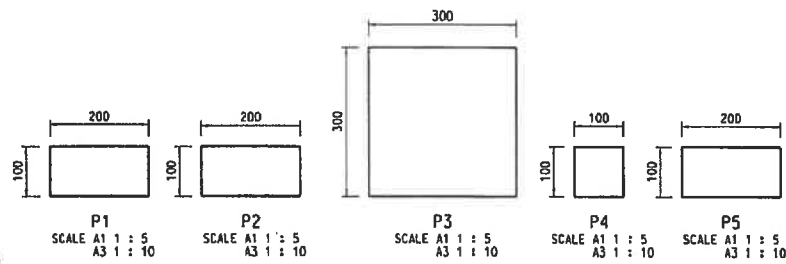
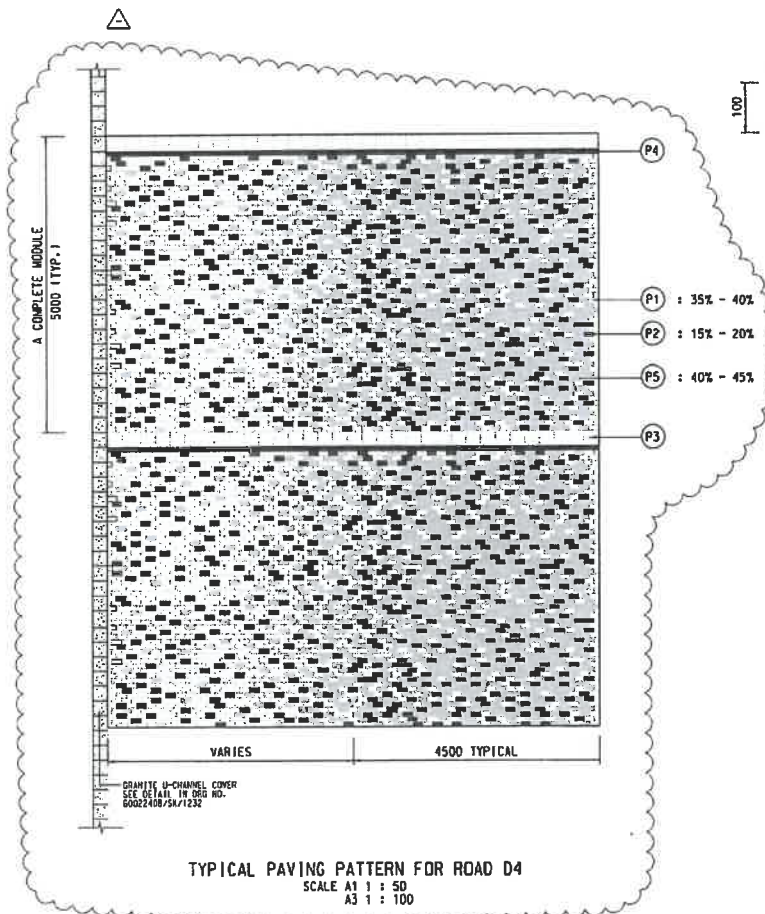
REV
 ACD

Drawing No.
60022408/S3/1723

© Copyright reserved

PRINTED BY: pdr/csk/nc 5/11/2019 9:11:43 AM
 FILENAME: Z:\browopp\saerem\site\saerem\sk\60022408_SK\1724.dwg

PLOT DRIVE: KL20403-PDF-4W.plt



DETAIL NO.	DIMENSIONS	THICKNESS	MATERIAL	SURFACE	COLOUR
P1	200mm x 100mm	60mm	RECYCLED CONCRETE	NATURAL FINISH	LIGHT GREY
P2	200mm x 100mm	60mm	RECYCLED CONCRETE	NATURAL FINISH	DARK GREY
P3	300mm x 300mm	60mm	GRANITE	COARSE NATURAL FINISH	LIGHT GREY
P4	100mm x 100mm	60mm	GRANITE	COARSE NATURAL FINISH	DARK GREY
P5	200mm x 100mm	60mm	RECYCLED CONCRETE	NATURAL FINISH	MEDIUM GREY

REMARK : "COARSE NATURAL FINISH" SHALL REFER TO "COARSE TEXTURED UPPER FACE" IN PARTICULAR SPECIFICATION OF THIS CONTRACT.

TYPICAL PAVING PATTERN FOR ROAD D4
 SCALE A1 1 : 50
 A3 1 : 100

NOTES:
 1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NO. 60022408/SK/1721.
 2. THE COLOUR OF TACTILE IS DARK GREY.
 3. PAVING UNITS AT RISE-IN SHALL REFER TO H20 STANDARD DRAWING NO. R51344. THE PAVING UNITS SHALL BE LIGHT GREY AND PAVING PATTERN SHALL BE HERRINGBONE.

LEGEND:
 [Symbol] PAVING BLOCKS

Rev.	Date	By	Description	Checked	Approved



Client
 CEDD 土木工程拓展署
 CMI Engineering and Development Department
 九龍發展處
 HongKong Development Office

PROJECT
 CONTRACT NO. KU201403
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR DEVELOPMENTS AT THE SOUTHERN PART OF THE FORMER RUNWAY

TITLE
 PAVING PATTERN

DESIGNED	JC	CHECKED	PL

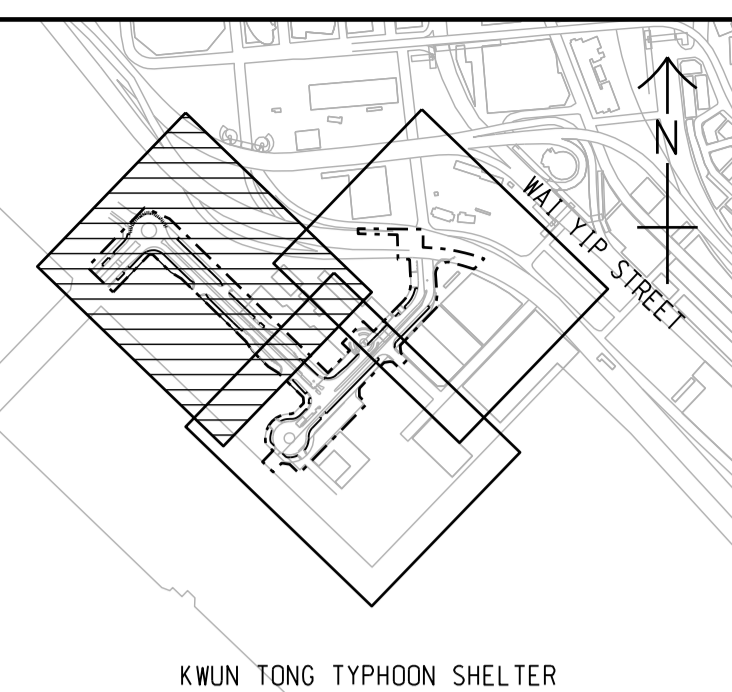
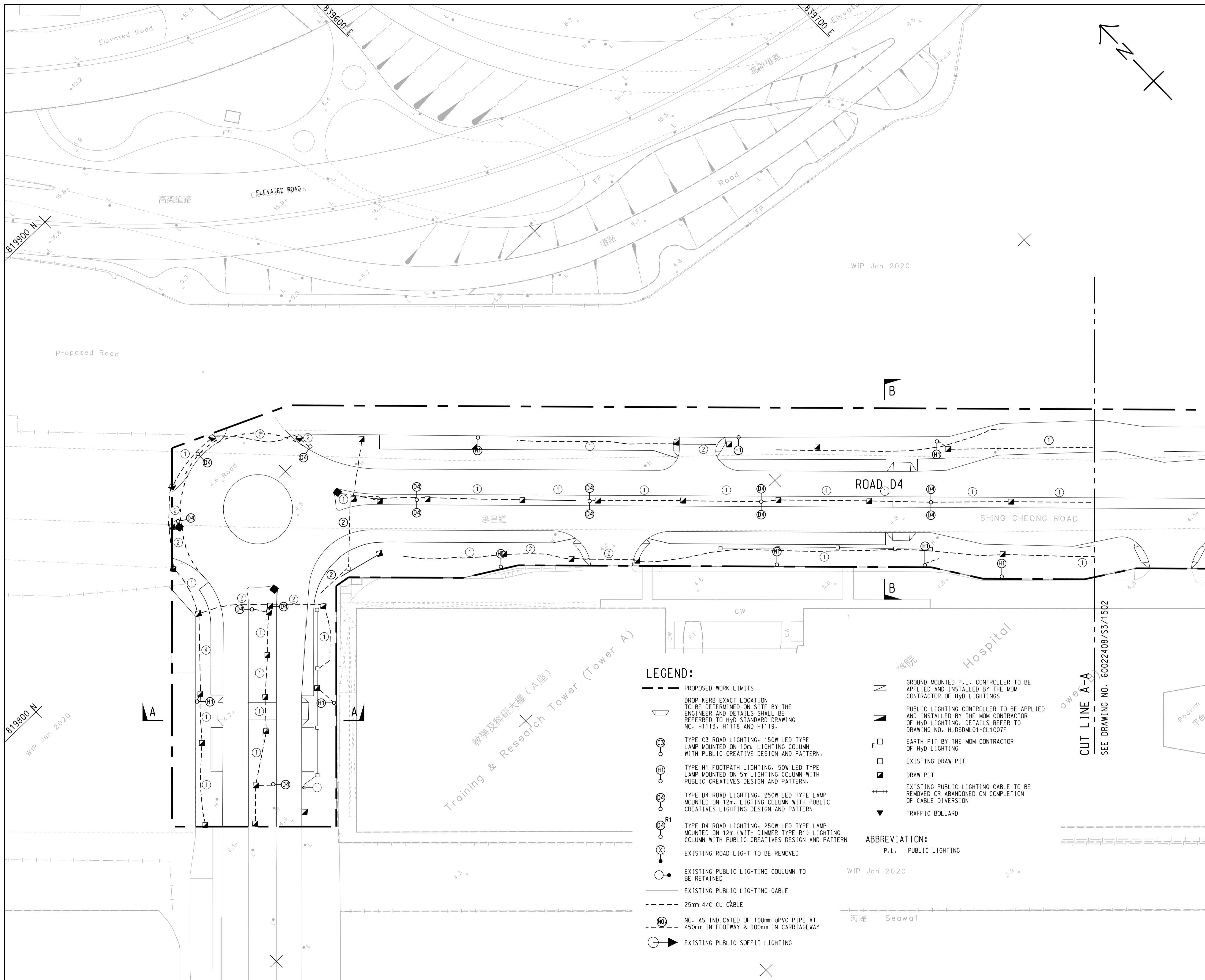
DRAWN	PS	APPROVED	CS

SITE SHEET NO.
 60022408/SK/1724

FOR INFORMATION

Copyright reserved

3. Lighting Layout



KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTES:**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60022408/SK/1502 TO 1505.
 - ALL EXCAVATION FOR LIGHTING COLUMN FOOTINGS, CABLE TRENCHES, DUCTINGS AND THE ASSOCIATED CIVIL WORKS SHOULD BE CONDUCTED BY THE CONTRACTOR.
 - TEMPORARY TRAFFIC ARRANGEMENT SHALL BE DESIGNED. SEEK APPROVAL FROM AUTHORITIES. IMPLEMENT, MAINTAIN AND REMOVAL BY THE CONTRACTOR FOR THE HYD'S INSTALLATION/RELOCATION/REMOVAL OF ROAD LIGHTING AT JUNCTION IMPROVEMENT AT CHEUNG YIP STREET & HOI BUN ROAD.
 - INDIVIDUAL EARTHING SYSTEM AND EARTH PIT FOR PROPOSED PUBLIC LIGHTING CONTROLLER SHOULD BE PROVIDED BY THE MOM CONTRACTOR OF HYD LIGHTING.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.

WIP Jan 2020

819800 N
WIP Jan 2020

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
LIGHTING LAYOUT
SHEET 1 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS		REV
A1 1 : 500 A3 1 : 1000	AS-CONSTRUCTED		ACD
Drawing No. 60022408/S3/1501			
© Copyright reserved			

LEGEND:

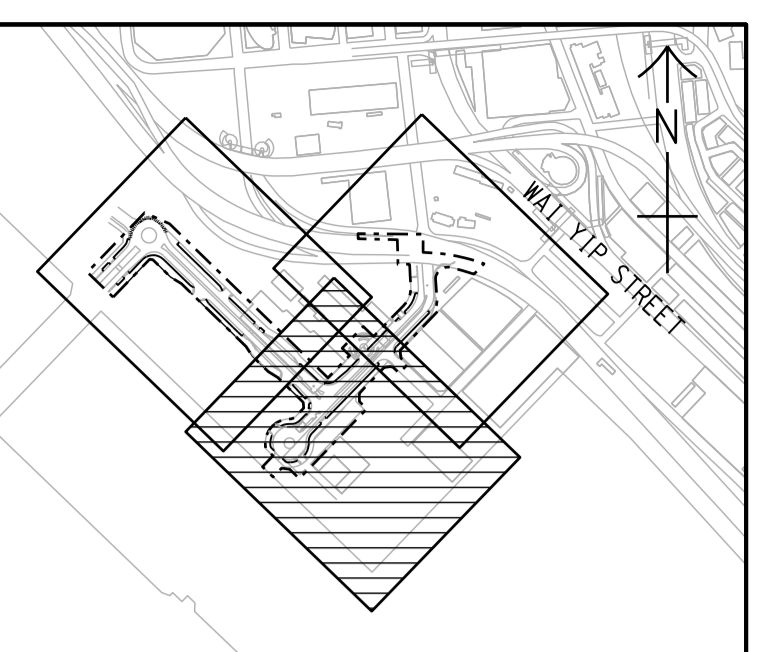
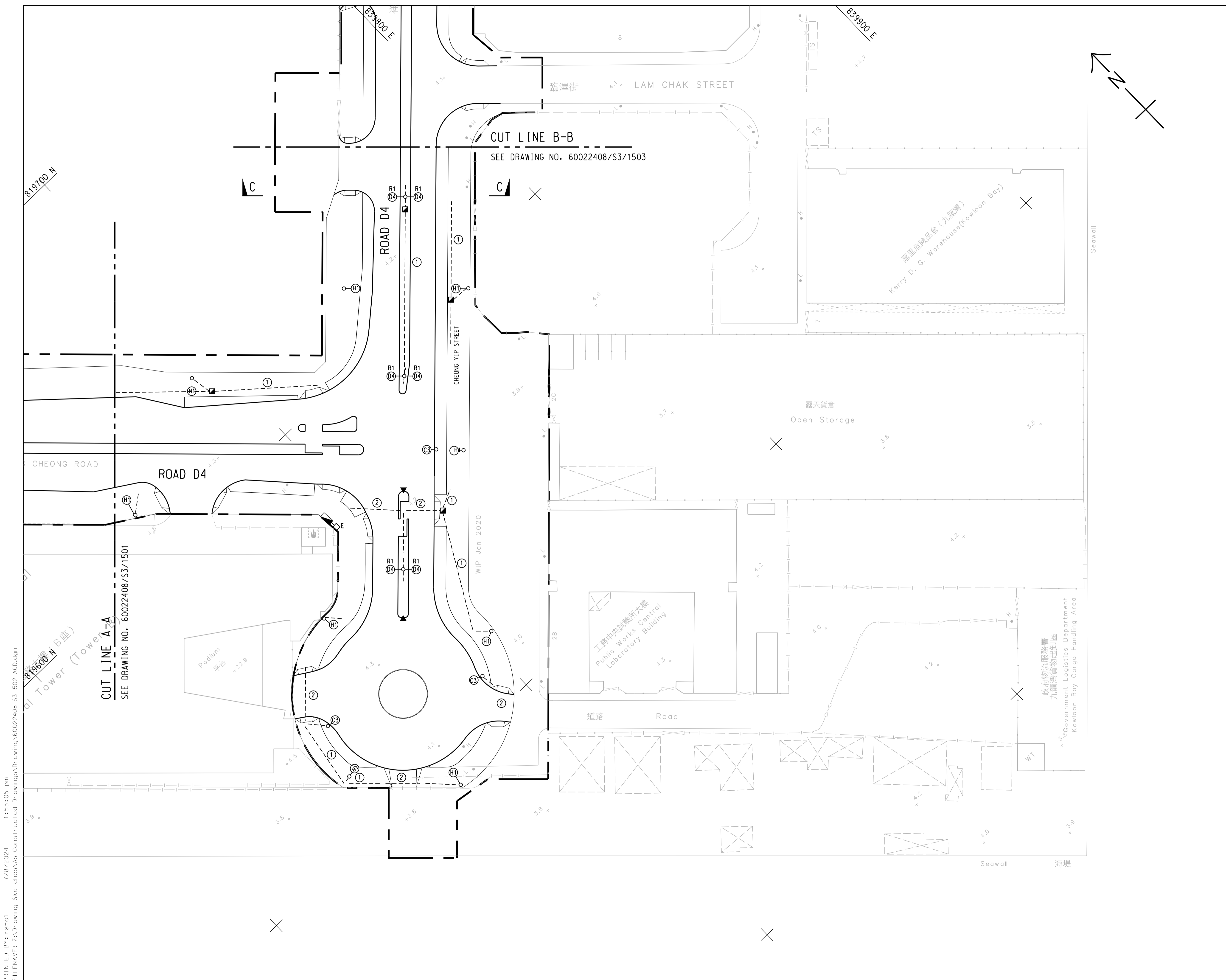
- PROPOSED WORK LIMITS
- DROP KERB EXACT LOCATION TO BE DETERMINED ON SITE BY THE ENGINEER AND DETAILS SHALL BE REFERRED TO HYD STANDARD DRAWING NO. H1113, H1118 AND H1119.
- C3 TYPE C3 ROAD LIGHTING, 150W LED TYPE LAMP MOUNTED ON 10m LIGHTING COLUMN WITH PUBLIC CREATIVE DESIGN AND PATTERN.
- H1 TYPE H1 FOOTPATH LIGHTING, 50W LED TYPE LAMP MOUNTED ON 5m LIGHTING COLUMN WITH PUBLIC CREATIVE DESIGN AND PATTERN.
- D4 TYPE D4 ROAD LIGHTING, 250W LED TYPE LAMP MOUNTED ON 12m LIGHTING COLUMN WITH PUBLIC CREATIVE DESIGN AND PATTERN
- R1 TYPE D4 ROAD LIGHTING, 250W LED TYPE LAMP MOUNTED ON 12m (WITH DIMMER TYPE R1) LIGHTING COLUMN WITH PUBLIC CREATIVE DESIGN AND PATTERN
- EXISTING ROAD LIGHT TO BE REMOVED
- EXISTING PUBLIC LIGHTING COLUMN TO BE RETAINED
- EXISTING PUBLIC LIGHTING CABLE
- 25mm 4/C CU CABLE
- NO. AS INDICATED OF 100mm uPVC PIPE AT 450mm IN FOOTWAY & 900mm IN CARRIAGEWAY
- EXISTING PUBLIC SOFFIT LIGHTING
- GROUND MOUNTED P.L. CONTROLLER TO BE APPLIED AND INSTALLED BY THE MOM CONTRACTOR OF HYD LIGHTINGS
- PUBLIC LIGHTING CONTROLLER TO BE APPLIED AND INSTALLED BY THE MOM CONTRACTOR OF HYD LIGHTING. DETAILS REFER TO DRAWING NO. HLDSOML01-CL1007F
- EARTH PIT BY THE MOM CONTRACTOR OF HYD LIGHTING
- EXISTING DRAW PIT
- DRAW PIT
- EXISTING PUBLIC LIGHTING CABLE TO BE REMOVED OR ABANDONED ON COMPLETION OF CABLE DIVERSION
- ▼ TRAFFIC BOLLARD

ABBREVIATION:
P.L. PUBLIC LIGHTING

WIP Jan 2020

海堤 Seawall

PRINTED BY: rsto1 26/8/2024 1:27:04 pm
FILENAME: Z:\Drawing Sketches\special\submission for Clement Lai\60022408_S3_1501_SPC.dgn



KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1501.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HyD HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
 土木工程拓展署
 Civil Engineering and Development Department
 東拓展處
 East Development Office

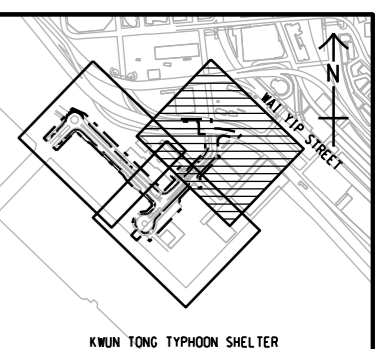
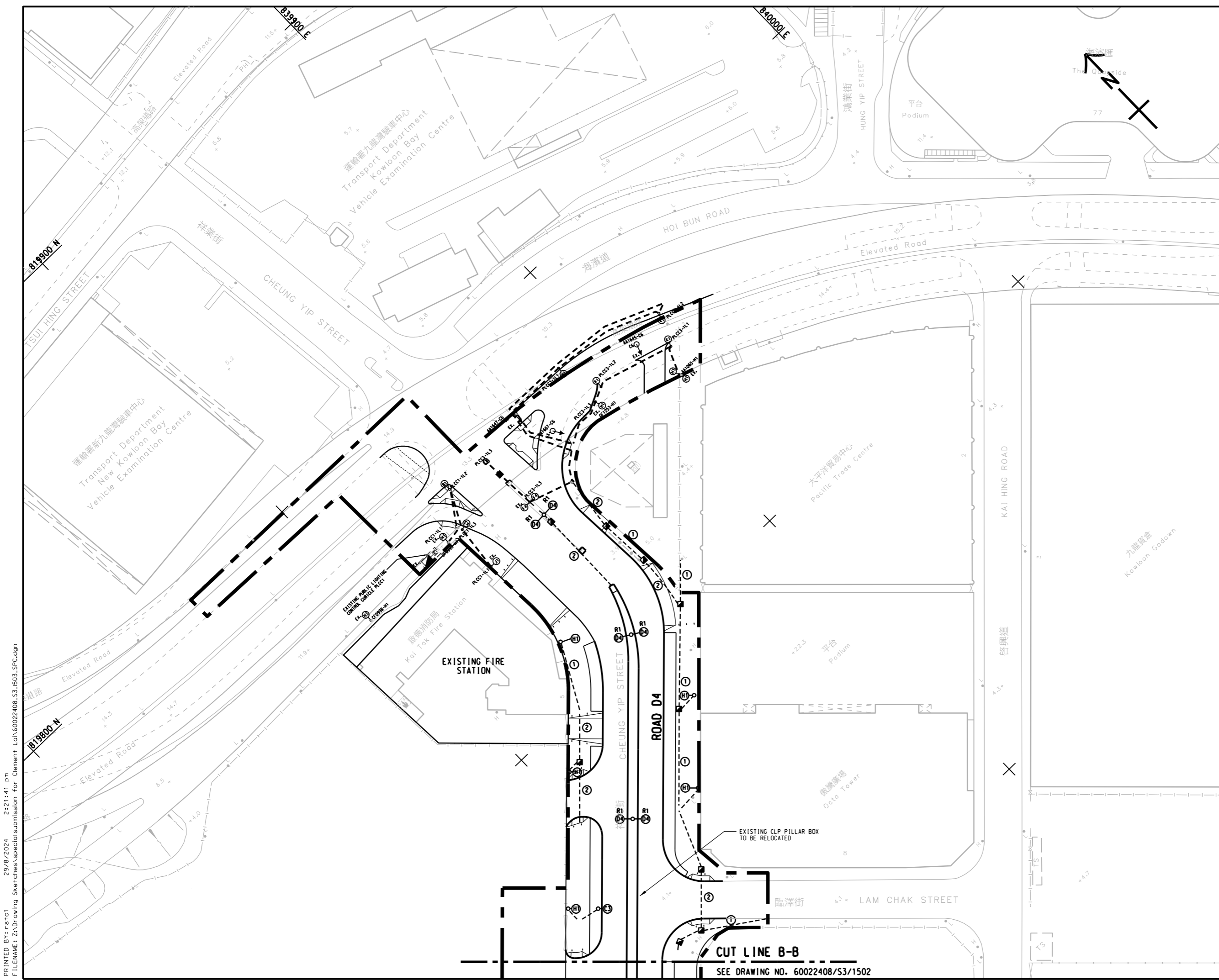
PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR DEVELOPMENTS AT THE SOUTHERN PART OF THE FORMER RUNWAY

TITLE
LIGHTING LAYOUT
 SHEET 2 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	

Drawing No.
60022408/S3/1502
 © Copyright reserved

PRINTED BY: rst01 7/8/2024 1:53:05 pm
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\Drawing\60022408_S3_1502_ACD.dgn
 PLOT DRIVE: T2_PDF.Alp+cfg



KEY PLAN
 SCALE A1 1 : 10000
 A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1501.
 - KERB ALIGNMENT FOR JUNCTION IMPROVEMENT WORKS AND ROAD LIGHTING WORKS AT CHEUNG YIP STREET AND HOI BUN ROAD CARRIED OUT BY CEDD CONTRACT NO. ED/2018/04 AFTER HANDOVER OF ROADWORKS HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT

CEDD 土木工程拓展署
 Civil Engineering and
 Development Department
 東拓展處
 East Development Office

PROJECT

CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE

LIGHTING LAYOUT

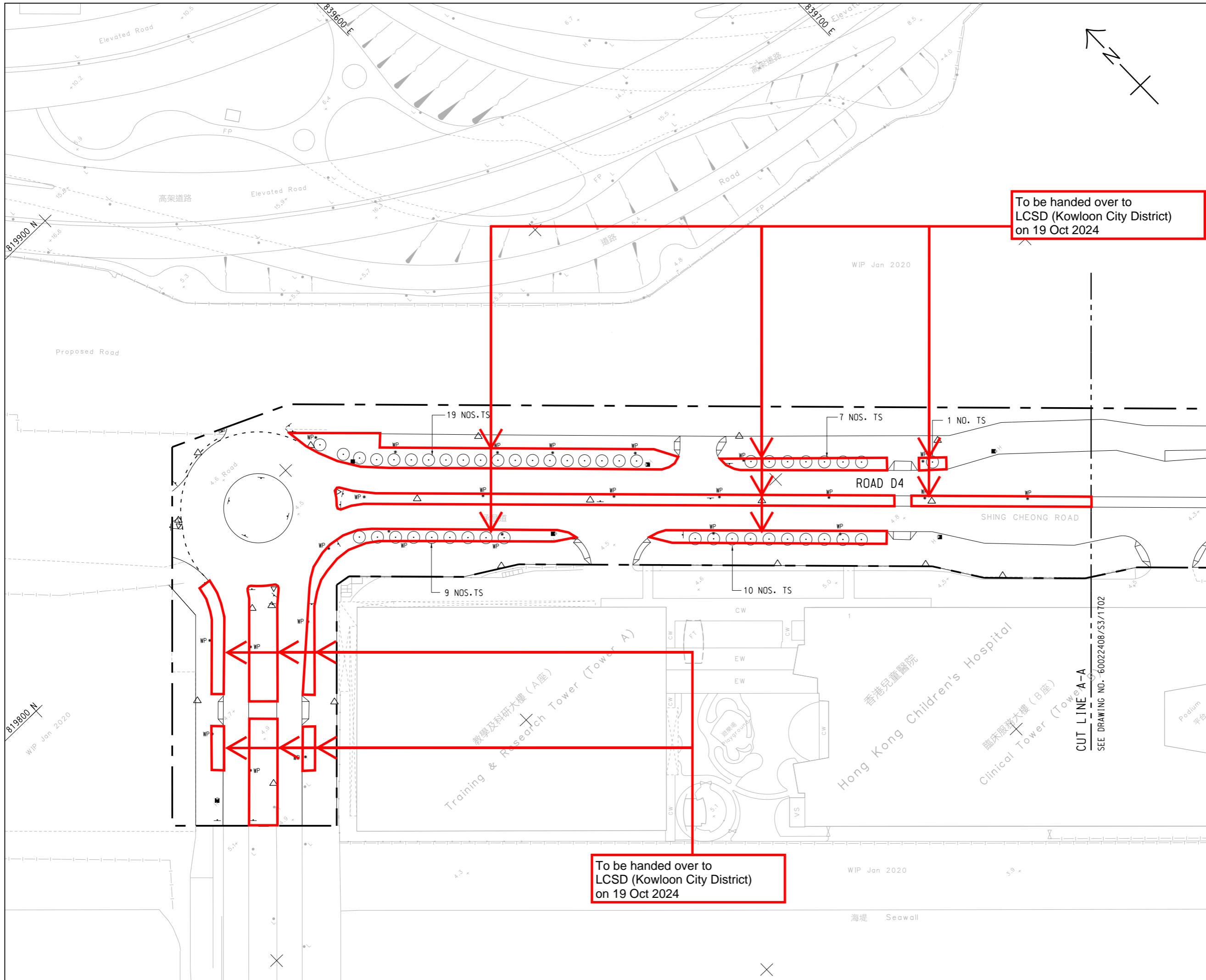
SHEET 3 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS		REV
A1 1 : 500	AS-CONSTRUCTED		ACD
A3 1 : 1000			
Drawing No.			
60022408/S3/1503			
© Copyright reserved			

PRINTED BY: rsto1 29/8/2024 2:21:41 pm
 FILENAME: Z:\Drawing Sketches\special\submission for Clement Lai\60022408_S3_I503_SPC.dgn

SEE DRAWING NO. 60022408/S3/1502

Appendix A -
Handover Status of
Landscape Works
for Road D4



KWUN TONG TYPHOON SHELTER

KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

To be handed over to
LCSD (Kowloon City District)
on 19 Oct 2024

- NOTES:**
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60022408/SK/1702 AND 1703.
 2. DETAILS OF STRUCTURAL SOIL REFER LANDSCAPE PARTICULAR SPECIFICATION.
 3. KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.

- LEGEND:**
- TREES
 - △ LIGHTING
 - FIRE HYDRANT
 - *WP WATER POINT
 - T TRAFFIC SIGN
 - D DIRECTION SIGN
 - ▲ BOLLARD

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

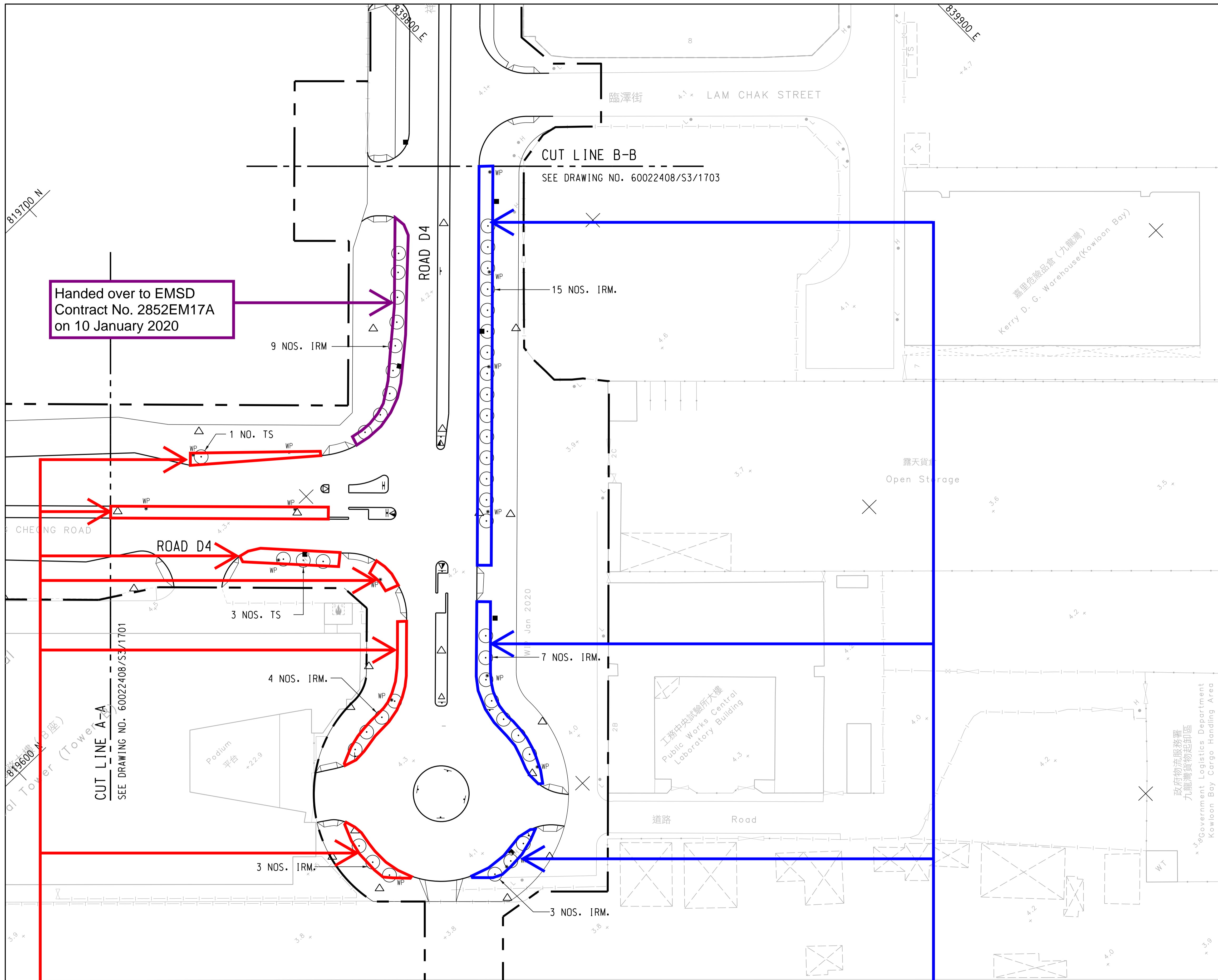
PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
TREE PLANTING PLAN

SHEET 1 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS		REV
A1 1 : 500	AS-CONSTRUCTED		ACD
A3 1 : 1000			
Drawing No.			
60022408/S3/1701			
© Copyright reserved			

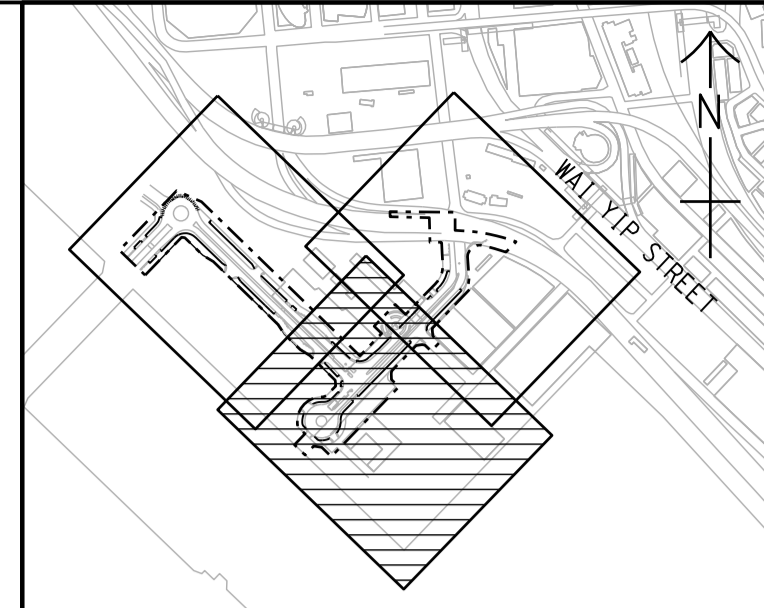
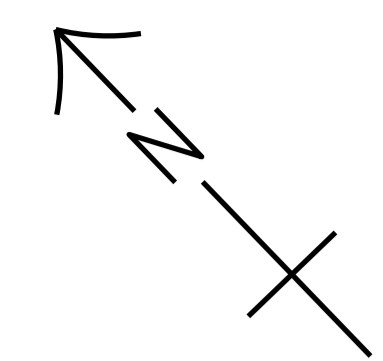
PRINTED BY: rsto1 7/8/2024 1:31:37 pm
FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\Drawing\60022408_S3_1701_ACD.dgn



Handed over to EMSD
Contract No. 2852EM17A
on 10 January 2020

To be handed over to
LCSD (Kowloon City District)
on 19 Oct 2024

Handed over to
LCSD (Kwun Tong District)
on 9 May 2024



KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1701.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HYD HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
TREE PLANTING PLAN

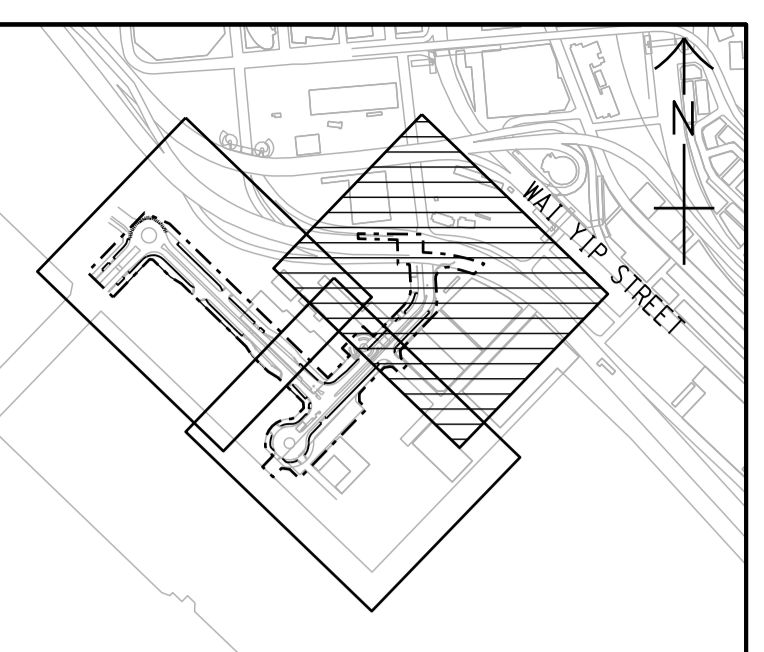
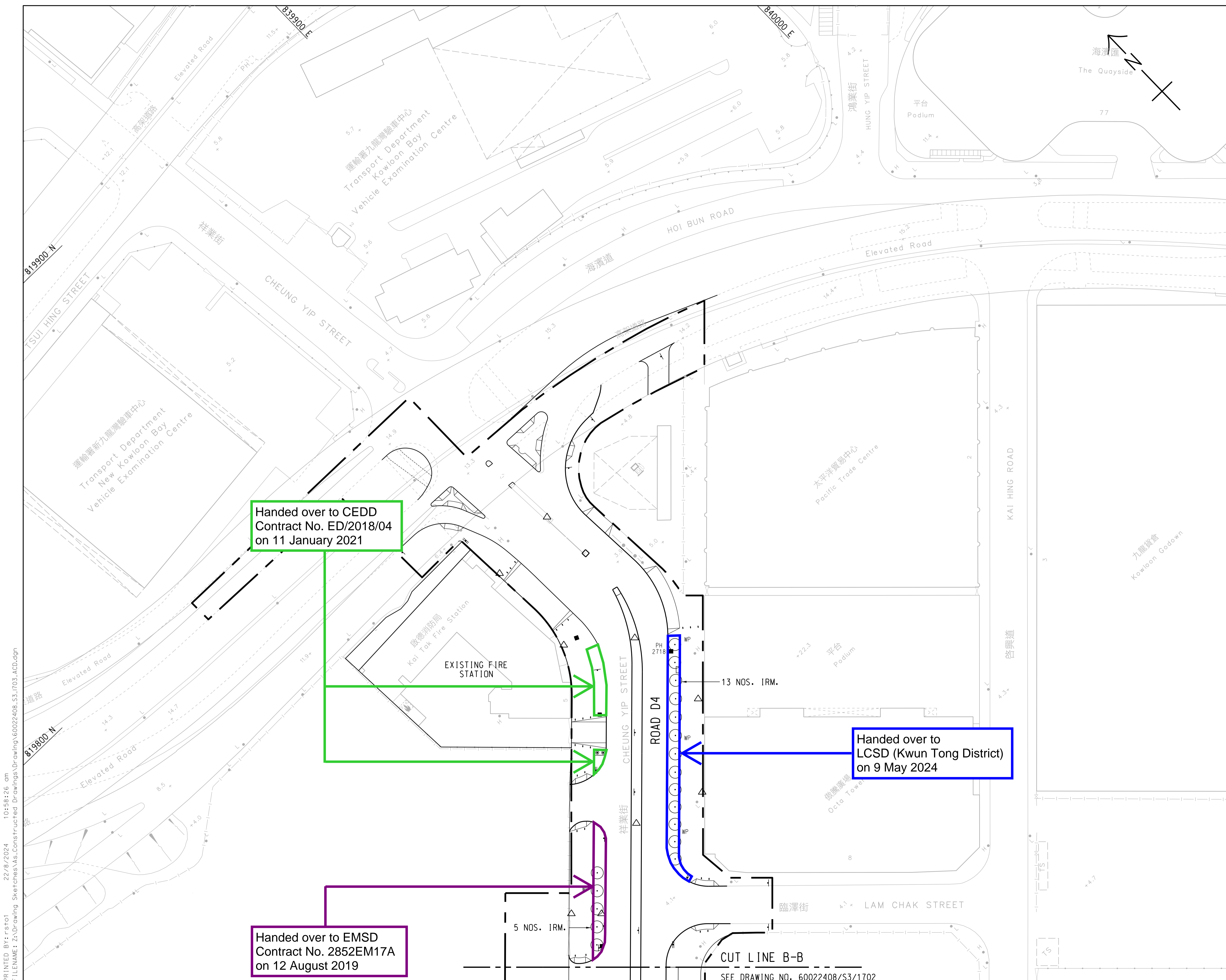
SHEET 2 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	

Drawing No.
60022408/S3/1702

© Copyright reserved

PRINTED BY: rst01 6/8/2024 1:51:39 pm
FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1702_ACD.dgn



KEY PLAN
 SCALE A1 1 : 10000
 A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1701.
 - KERB ALIGNMENT FOR JUNCTION IMPROVEMENT WORKS AT CHEUNG YIP STREET AND HOI BUN ROAD CARRIED OUT BY CEDD CONTRACT NO. ED/2018/04 HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



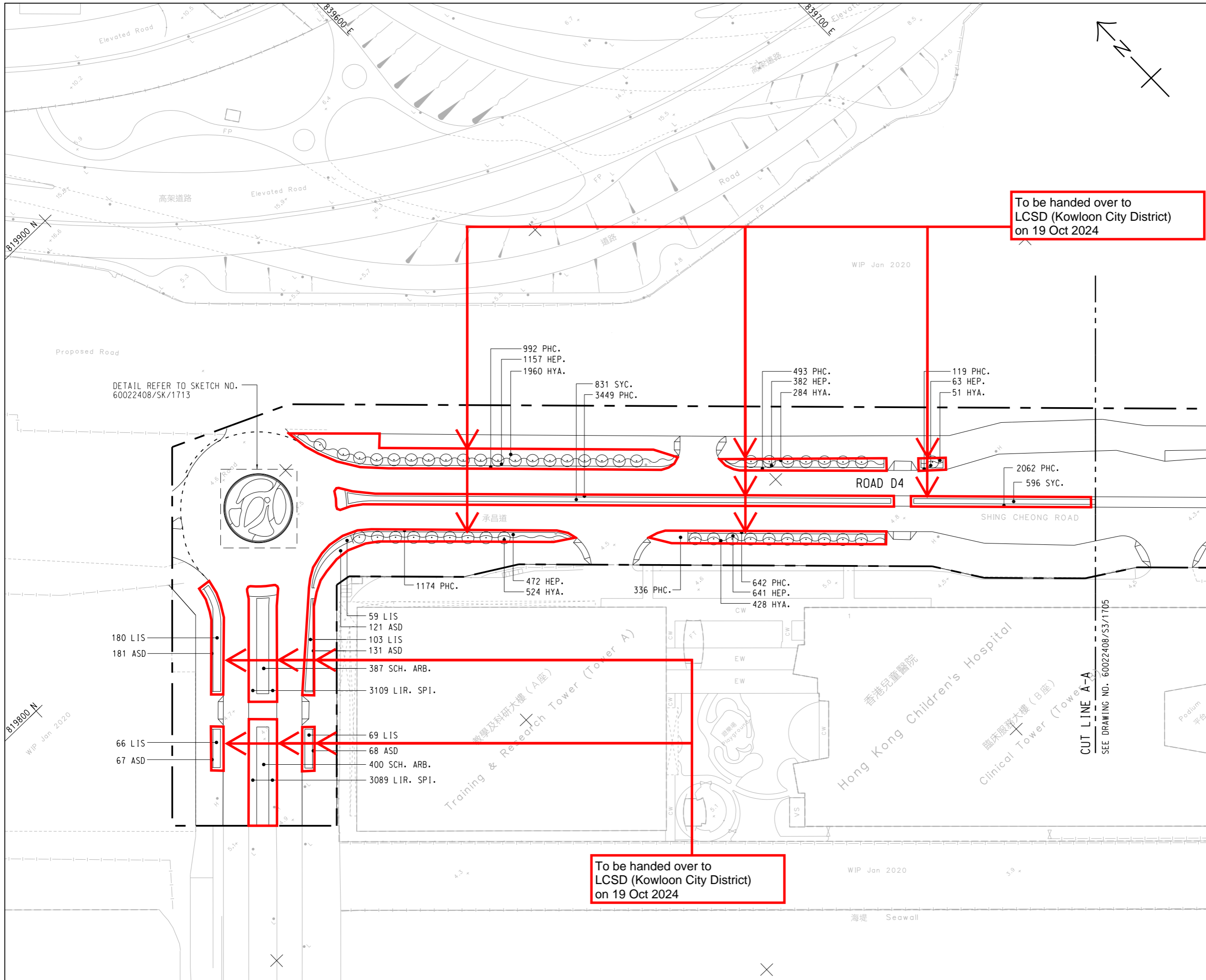
CLIENT
CEDD 土木工程拓展署
 Civil Engineering and
 Development Department
 東拓展處
 East Development Office

PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
TREE PLANTING PLAN
 SHEET 3 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1703			
© Copyright reserved			

PRINTED BY: rst01 22/8/2024 10:58:26 am
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1703_ACD.dgn
 PLOT DRIVE: T2_PDF_Alpi+cfp



KWUN TONG TYPHOON SHELTER
KEY PLAN
 SCALE A1 1 : 10000
 A3 1 : 20000

To be handed over to
 LCSD (Kowloon City District)
 on 19 Oct 2024

NOTE:
 1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60022408/SK/1705 AND 1706.
 2. KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HyD HAS BEEN INCORPORATED INTO THIS DRAWING.

LEGEND:
 [Symbol] PROPOSED WORK LIMITS
 [Symbol] 600x100 THK. CONCRETE MAINTENANCE WALKWAY (REFER DRAWING NO. 60022408/SK/1713)

DETAIL REFER TO SKETCH NO. 60022408/SK/1713

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



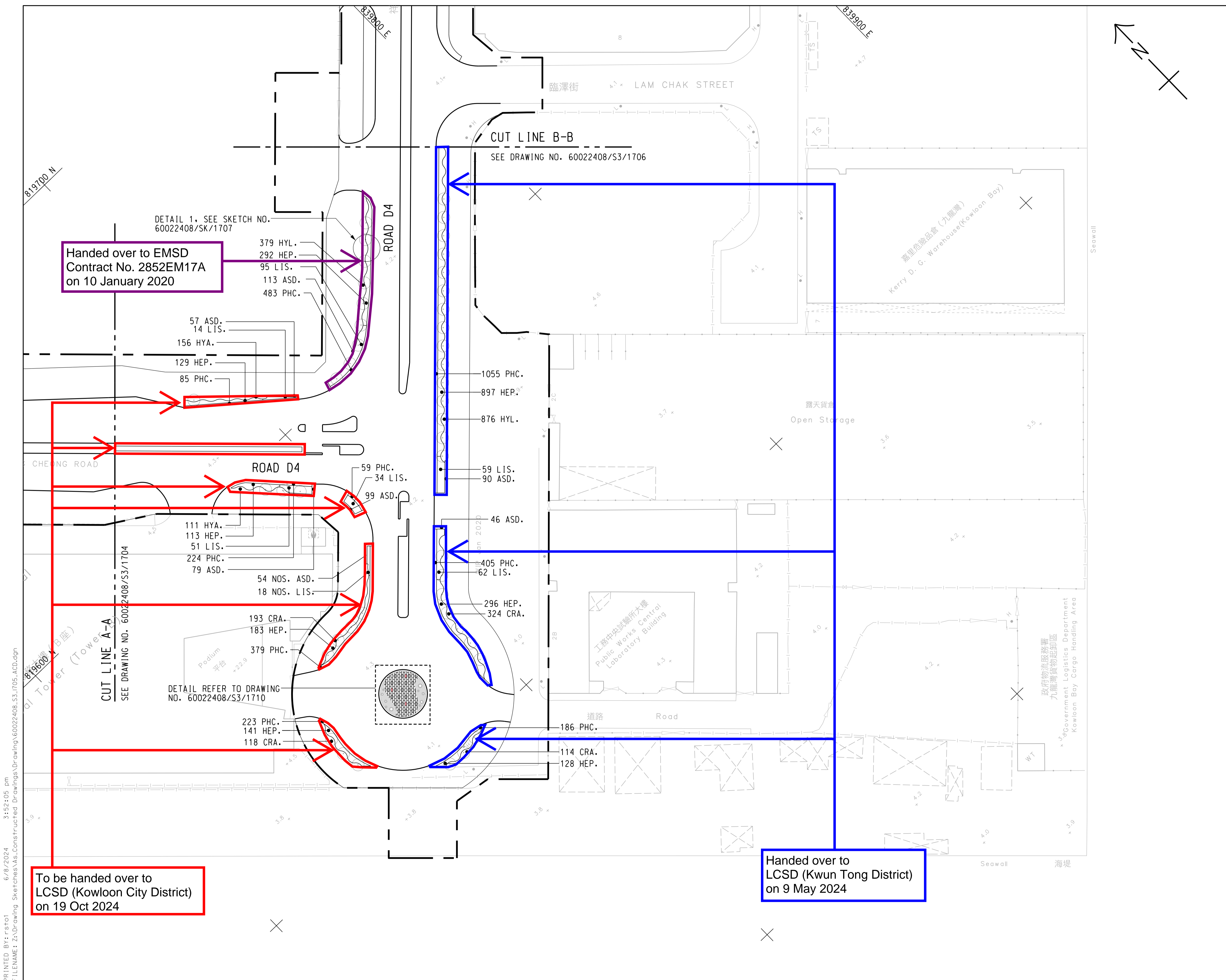
PROJECT
 CONTRACT NO. KL/2014/03
 KAI TAK DEVELOPMENT - STAGE 3
 INFRASTRUCTURE WORKS FOR
 DEVELOPMENTS AT THE SOUTHERN PART OF
 THE FORMER RUNWAY

TITLE
SHRUB PLANTING PLAN

SHEET 1 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1	STATUS		REV
A1 1 : 500	AS-CONSTRUCTED		ACD
A3 1 : 1000			
Drawing No.			
60022408/S3/1704			
© Copyright reserved			

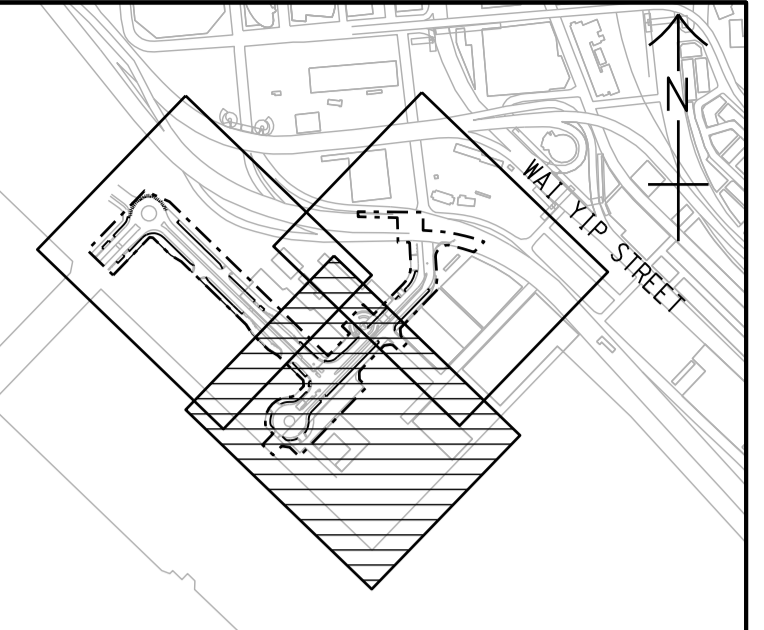
PRINTED BY: rst01 7/8/2024 1:38:22 pm
 FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\Drawing\60022408_S3_1704_ACD.dgn
 PLOT DRIVE: T2.PDF.Alptcfcg



Handed over to EMSD
Contract No. 2852EM17A
on 10 January 2020

To be handed over to
LCSD (Kowloon City District)
on 19 Oct 2024

Handed over to
LCSD (Kwun Tong District)
on 9 May 2024



KWUN TONG TYPHOON SHELTER
KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1704.
 - KERB ALIGNMENT FOR EXTENSION OF BUS STOP LAY-BY AT SHING CHEONG ROAD EASTBOUND CARRIED OUT BY HyD HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



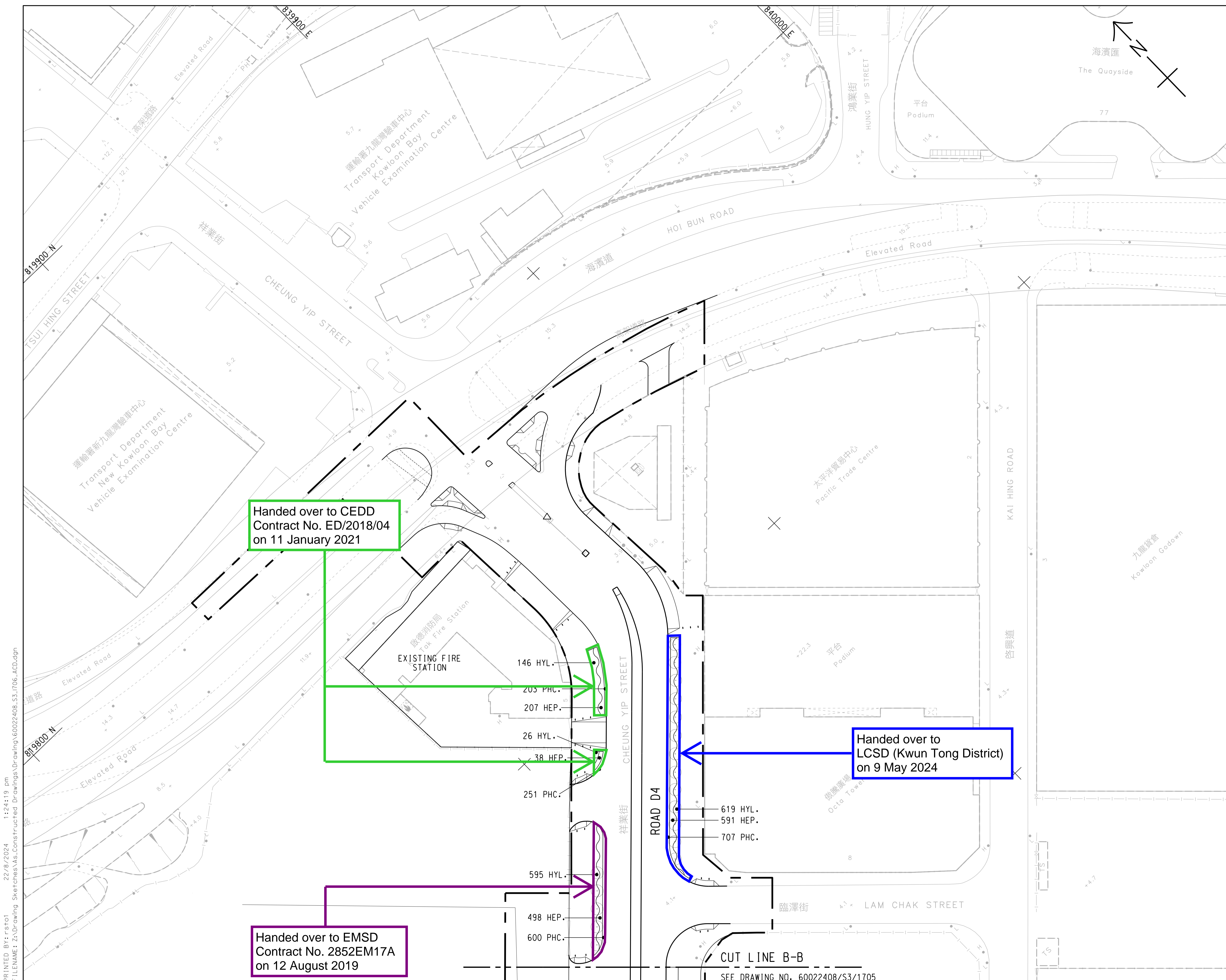
CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
SHRUB PLANTING PLAN
SHEET 2 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1705			
© Copyright reserved			

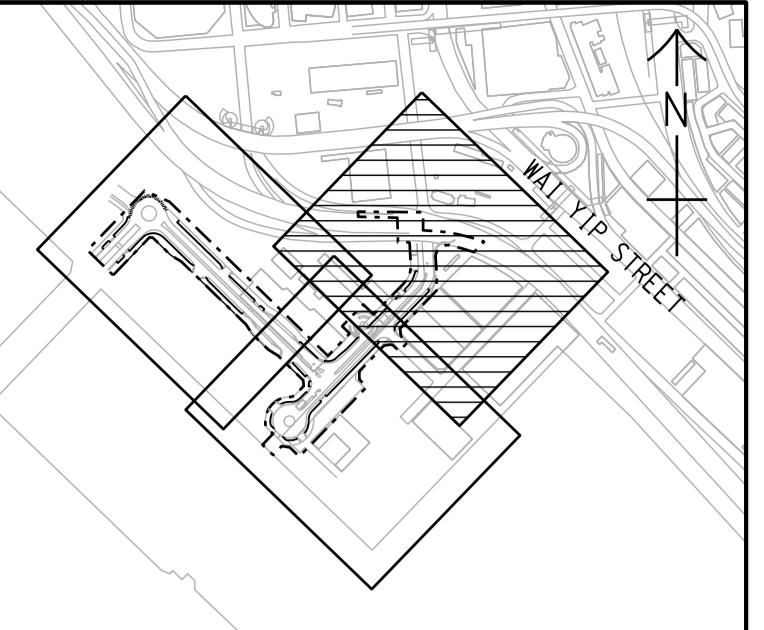
PRINTED BY: rst01 6/8/2024 3:52:05 pm
FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\Drawing\60022408_S3_1705_ACD.dgn



Handed over to CEDD
Contract No. ED/2018/04
on 11 January 2021

Handed over to
LCSD (Kwun Tong District)
on 9 May 2024

Handed over to EMSD
Contract No. 2852EM17A
on 12 August 2019



KWUN TONG TYPHOON SHELTER
KEY PLAN
SCALE A1 1 : 10000
A3 1 : 20000

- NOTE:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60022408/SK/1704.
 - KERB ALIGNMENT FOR JUNCTION IMPROVEMENT WORKS AT CHEUNG YIP STREET AND HOI BUN ROAD CARRIED OUT BY CEDD CONTRACT NO. ED/2018/04 HAS BEEN INCORPORATED INTO THIS DRAWING.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



CLIENT
CEDD 土木工程拓展署
Civil Engineering and
Development Department
東拓展處
East Development Office

PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
SHRUB PLANTING PLAN
SHEET 3 OF 3

DESIGNED	JC	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK
SCALE AT A1 A1 1 : 500 A3 1 : 1000	STATUS AS-CONSTRUCTED	REV ACD	
Drawing No. 60022408/S3/1706			
© Copyright reserved			

PRINTED BY: rst01 22/8/2024 11:24:19 pm
FILENAME: z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1706_ACD.dgn
PLOT DRIVE: T2_PDF.Alpifcfg

SEE DRAWING NO. 60022408/S3/1705

Appendix B -
Handover Record of
Landscape Works
to EMSD Contract No. 2852EM17A
on 12 August 2019

Hyder-Meinhardt Joint Venture
Chief Resident Engineer's Office
Address c/o: 17/F, Two Harbour Square,
180 Wai Yip Street, Kwun Tong, Kowloon
Site Office Tel: (852) 3742 3800
Site Office Fax: (852) 3742 3899
www.arcadis.com



Hyder - Meinhardt JV

MASTER COPY

Your Ref :
Our Ref : KL/2014/03/C45/450/6561

4 November 2019

Over Arup & Partners Hong Kong Ltd.
c/o DCS Site Office (Contract No. 2852EM17A)
Level 5, Festival Walk,
80 Tat Chee Avenue,
Kowloon Tong,
Kowloon, Hong Kong



O-06561

Attn: Mr. CHOI, Alex (Senior Resident Engineer)

Dear Sir,

Contract No. KL/2014/03
Kai Tak Development – Stage 3 Infrastructure Works for
Developments at the Southern Part of the Former Runway
Handover of 1st Part of Works Area at Cheung Yip Street
to EMSD Contract No. 2852EM17A

We refer to the handover inspection amongst Arup, EMSD's Contractor, HMJV and CRBC on 12 August 2019 and the subsequent email of 20 August 2019 from Arup (see attached), it is recorded that the captioned works area as shown on the attached plan was handed over to EMSD's contractor to carry out DCS works on 12 August 2019 and the defective & outstanding works as listed in the aforementioned email was also completed in September 2019.

As previously agreed in the meeting amongst CEDD Contract No. KL/2014/03, EMSD Contract No. 2852EM17A and HyD on 6 March 2019, the sections of footpath and planter for DCS works would be reinstated and handed over to maintenance department, i.e. HyD, by EMSD Contract No. 2852EM17A after the completion of DCS works.

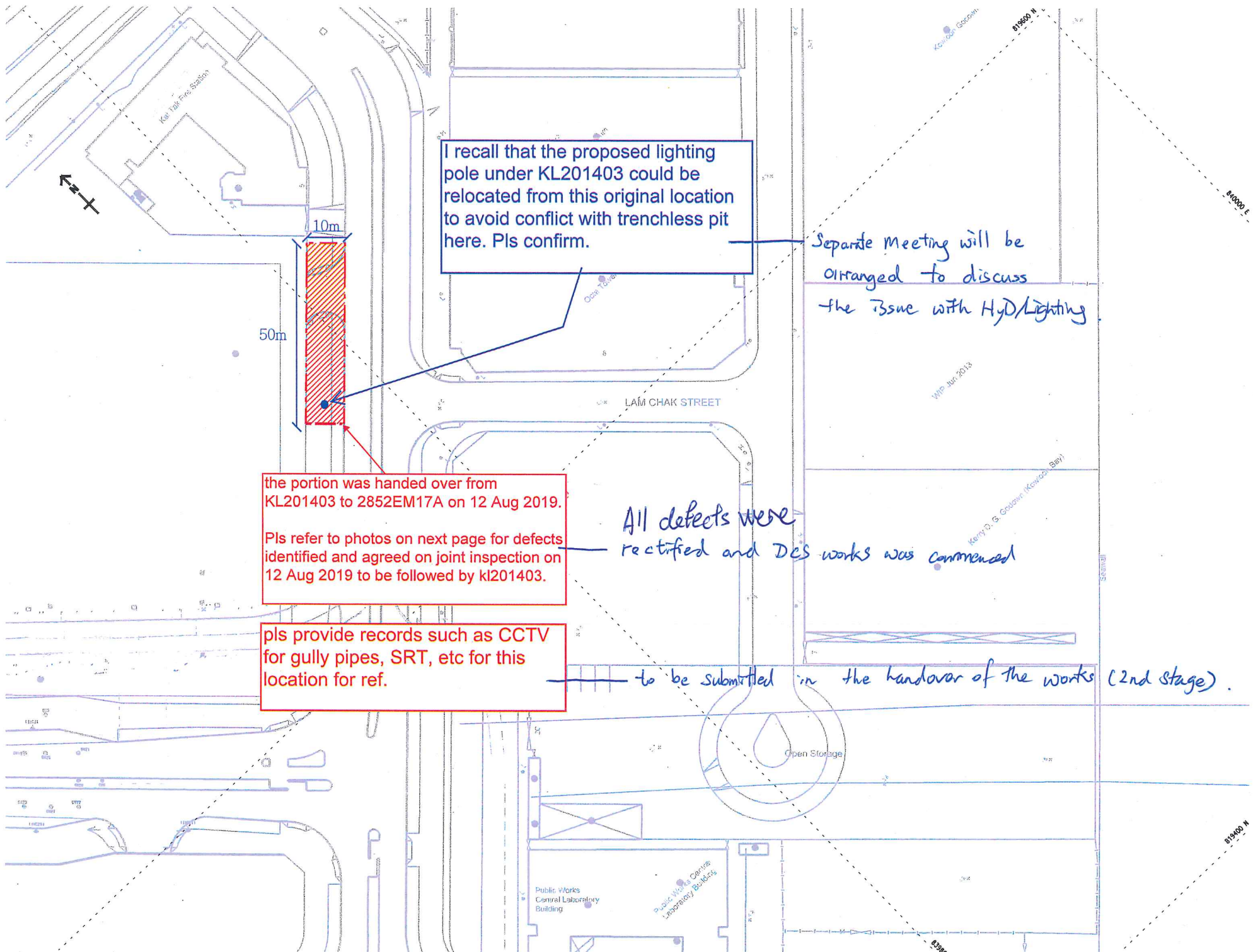
Yours faithfully,

Wong W K, Chris
Engineer's Representative

Encl.

c.c.	CEDD	(Attn: Mr. John Leung	- w/encl.)
	EMSD	(Attn: Ms. Venus Cheung	- w/encl.)
	HyD	(Attn: Mr. Lawrence Chan	- w/encl.)
	Hyder	(Attn: Mr. James Penny	- w/encl.)
	Meinhardt	(Attn: Mr. Stephen Mak	- w/encl.)
	CRBC	(Attn: Mr. Dickey Yau	- w/encl.)

CW/PL/KM/JC/UT/ETH/MT/cc



I recall that the proposed lighting pole under KL201403 could be relocated from this original location to avoid conflict with trenchless pit here. Pls confirm.

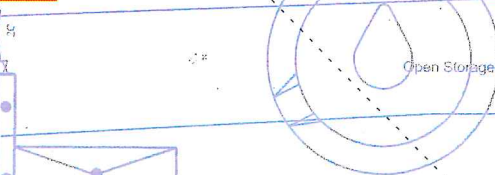
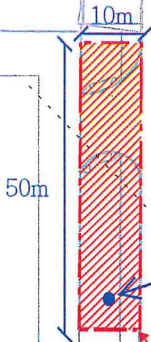
Separate Meeting will be arranged to discuss the issue with HyD/Lighting

the portion was handed over from KL201403 to 2852EM17A on 12 Aug 2019.
Pls refer to photos on next page for defects identified and agreed on joint inspection on 12 Aug 2019 to be followed by KL201403.

All defects were rectified and DES works was commenced

pls provide records such as CCTV for gully pipes, SRT, etc for this location for ref.

to be submitted in the handover of the works (2nd stage).



Public Works Central Laboratory Building

Public Works Central Laboratory Building

Ker 14th Fire Station

LAM CHAK STREET

WIP Jan 2013

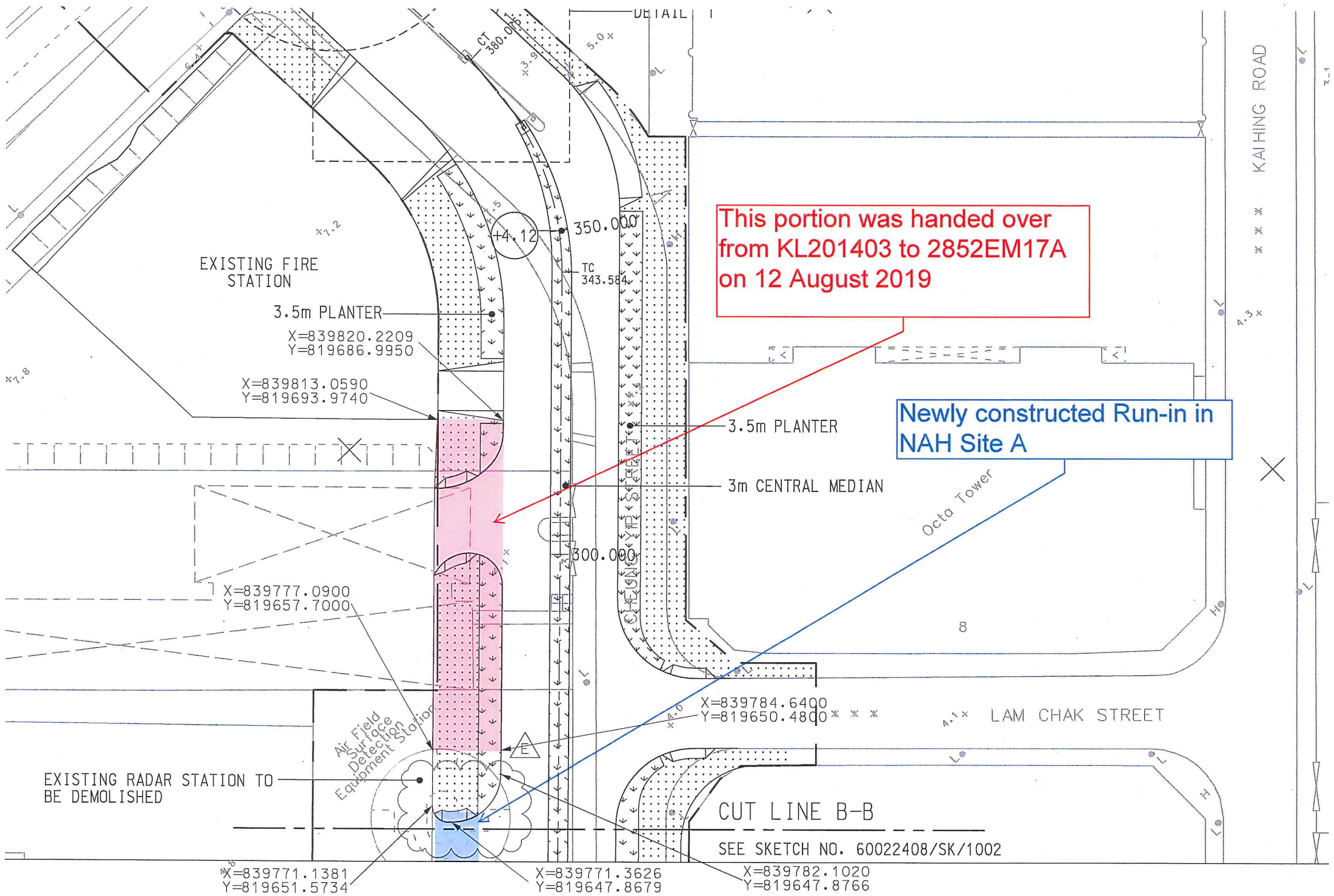
Kerry St. (S. Costello (Kowloon Bay))

Kowloon

019800 N

019800 E

019800 N



This portion was handed over from KL201403 to 2852EM17A on 12 August 2019

Newly constructed Run-in in NAH Site A

SEE SKETCH NO. 60022408/SK/1002

X=839771.1381
Y=819651.5734

X=839771.3626
Y=819647.8679

X=839782.1020
Y=819647.8766

X=839784.6400
Y=819650.4800

X=839777.0900
Y=819657.7000

Appendix C -
Handover Record of
Landscape Works
to EMSD Contract No. 2852EM17A
on 10 January 2020

MASTER COPY

Your Ref :
Our Ref : KL/2014/03/C45/450/6755

20 January 2020

By Hand



O-06755

See Distribution List

Dear Sir,

**Contract No. KL/2014/03
Kai Tak Development – Stage 3 Infrastructure Works for
Developments at the Southern Part of the Former Runway
Handover of Remaining Part of Works Area at Cheung Yip
Street to EMSD Contract No. 2852EM17A**

We refer to the handover inspections held amongst the representatives of the following parties held on 31 December 2019 and 10 January 2020 regarding the handover of the remaining part of works area at Cheung Yip Street to EMSD Contract No. 2852EM17A:-

Hyder-Meinhardt Joint Venture (HMJV)	- Mr. Pat Lam (Senior Resident Engineer) - Mr. Keith Hung (Resident Engineer)
Over Arup & Partners Hong Kong Ltd. (ARUP)	- Mr. Donald Leung (Resident Engineer) - Ms. Germaine Chau (Assistant Resident Engineer)
China Road and Bridge Corporation (CRBC)	- Mr. Billy Leung (Construction Manager)
VTEC – U-Tech Joint Venture (VUJV)	- Mr. Mike Leung (Sub-Agent) - Mr. K K Lee (Foreman) - Mr. Gary Wong (Foreman)

We record below the salient points that were discussed during the above inspection:-

1. Further to the pre-handover inspection held previously amongst HMJV, ARUP, CRBC and VUJV on 31 December 2019, we record that it was requested from VUJV that all the paving blocks had to be completed on or before the handover of the site areas.
2. A site inspection was conducted amongst HMJV, ARUP, CRBC and VUJV for the area in green as shown in Annex I. A list of outstanding works is included in Annex II and CRBC agreed to complete the outstanding works as per dates as stated on the list.

Your Ref :
Our Ref : KL/2014/03/C45/450/6755

20 January 2020

- 2 -

3. As discussed previously, ARUP/VUJV acknowledged that the **soft landscape works** within **the areas in both green and yellow colours** that would be affected by their works would be taken up by them and they would be responsible to hand over the soft landscape works to LCSD subsequently. The extent of the soft landscape works to be taken up by EMSD Contract No. 2852EM17A would be further agreed after the meeting. In addition, ARUP requested HMJV to provide the latest drawings in related to the concerned soft landscape works for their information.

[Post Meeting Notes: ARUP confirmed that the extent of the remaining soft landscape works that would be constructed under EMSD Contract No. 2852EM17A as shown in Annex I. The latest drawings in related to the concerned soft landscape works is attached in Annex IV.]

4. CRBC stated that three street light posts within the areas in both green and yellow colours would be installed by HyD/Lighting in the future and reminded VUJV to coordinate with HyD/Lighting and allow access for installation. VUJV agreed and requested CRBC to provide the locations of the street light posts for their site arrangement to avoid their plants and equipment sitting on those areas as far as possible.

[Post Meeting Notes: The location of the proposed street light posts is shown on the site sketch in Annex I. In addition, it was agreed that the proposed location of the street light post HL-04 shall be further coordinated with HyD/Lighting by HMJV for relocation to avoid any physical conflict with EMSD's jacking pit.]

5. Besides the outstanding works mentioned in bullets 2, 3 and 4 above, there were no outstanding works and defects identified during the inspections. ARUP and VUJV expressed no adverse comment on the condition of the site area (Green) during the inspection. It was agreed that the site area (Green) was handed over to EMSD Contract No. 2852EM17A on 10 January 2020 whereas the site area (Yellow) had been handed over on 12 August 2019.
6. HMJV recalled the agreement made on 7 March 2019 (Annex III), the sections of footpath, planter (hard landscape works) and carriageway within the areas in both green and yellow colours handed over to EMSD Contract No. 2852EM17A would be reinstated and handed over to the maintenance department, i.e. HyD, by EMSD Contract No. 2852EM17A upon the completion of DCS works. HMJV will provide all as-built drawings and relevant test results to ARUP as stipulated in Item 4 of the email dated 7 March 2019 (Annex III).

... / P.3

Hyder-Meinhardt Joint Venture
Chief Resident Engineer's Office
Address c/o: 17/F., Two Harbour Square,
180 Wai Yip Street, Kwun Tong, Kowloon
Site Office Tel: (852) 3742 3800
Site Office Fax: (852) 3742 3899
www.arcadis.com



Hyder - Meinhardt JV

Your Ref :
Our Ref : KL/2014/03/C45/450/6755

20 January 2020

- 3 -

7. HMJV recalled the agreement made on 7 March 2019 (Annex III), EMSD Contract No. 2852EM17A should maintain a footpath within the areas in both green and yellow colours after CRBC completed all their works and removed all TTA. VUJV requested HMJV/CRBC to provide at least one month notification before CRBC completed all their works and removed all TTA such that they could arrange the necessary TTA to maintain the footpath.
8. For safety, CRBC would provide road barriers at the planter areas they are working on until their works are completed.
9. HMJV would provide the coordinates of the blank flanges left for the DCS connection.

Yours faithfully,

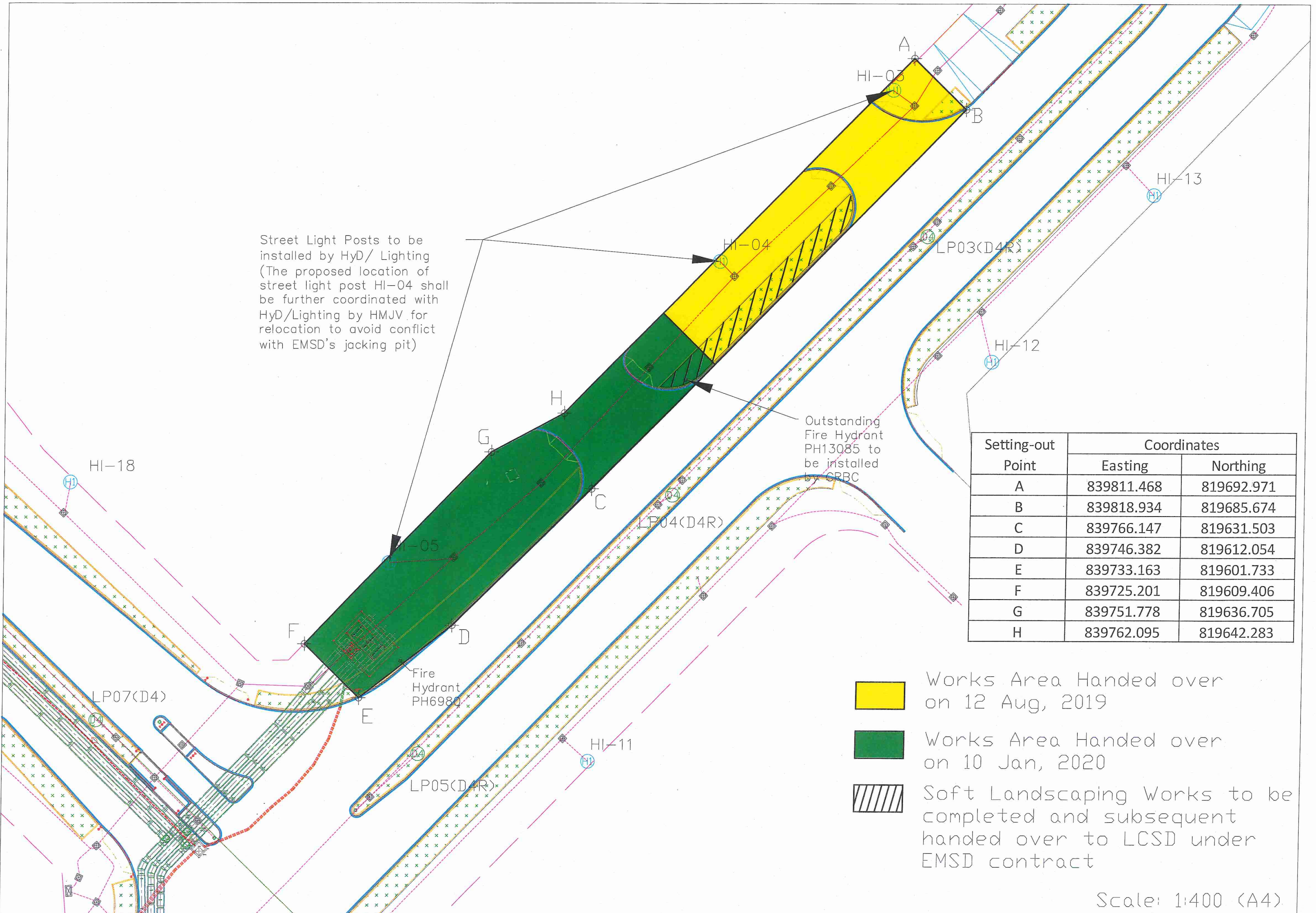
A handwritten signature in black ink, appearing to read "Pat Lam".

Pat Lam
Engineer's Representative

Encl.

c.c. Hyder (Attn: Mr. James Penny – w/encl.)
Meinhardt (Attn: Mr. Stephen Mak – w/encl.)
File (M15/920)

PL/KH/cc



Street Light Posts to be installed by HyD/ Lighting
 (The proposed location of street light post HI-04 shall be further coordinated with HyD/Lighting by HMJV for relocation to avoid conflict with EMSD's jacking pit)

Outstanding Fire Hydrant PH13085 to be installed by CRBC

Setting-out Point	Coordinates	
	Easting	Northing
A	839811.468	819692.971
B	839818.934	819685.674
C	839766.147	819631.503
D	839746.382	819612.054
E	839733.163	819601.733
F	839725.201	819609.406
G	839751.778	819636.705
H	839762.095	819642.283

- Works Area Handed over on 12 Aug, 2019
- Works Area Handed over on 10 Jan, 2020
- Soft Landscaping Works to be completed and subsequent handed over to LCSD under EMSD contract

Scale: 1:400 (A4)

Appendix D -
Handover Record of
Landscape Works
to CEDD Contract No. ED/2018/04
on 11 January 2021

From: [WONG, Jack \(HKT2\)](#)
To: [Khoo Wei Ming](#)
Cc: [Clement LAI](#)
Subject: RE: KL/2014/03 - Planters at Cheung Yip Street adjacent to Kai Tak Fire Station
Date: Friday, 30 August 2024 7:59:12 am

Dear Ming,

We agree to takeover the planter that affected my our irrigation works outside Kai Tak Fire Station. We will reinstate it and handover it to LCSD for 3 months maintenance.

Best Regards,

Jack WONG

Tel: +852 6123 5113

Email: chikit.wong@dragageshk.com

From: Khoo Wei Ming <ret2kwm@trunkroadt2.com>
Sent: Thursday, August 29, 2024 5:05 PM
To: WONG, Jack (HKT2) <chikit.wong@dragageshk.com>
Cc: Clement LAI <aret2cli@trunkroadt2.com>
Subject: KL/2014/03 - Planters at Cheung Yip Street adjacent to Kai Tak Fire Station

Dear Jack (BTP, Contractor of CEDD Contract No. ED/2018/04),

The construction of junction improvement works at Cheung Yip Street under CEDD Contract No. ED/2018/04 commenced on 11 January 2021 (see attached photo), whilst the handover of roadworks and planters under CEDD Contract No. KL/2014/03 were still ongoing by that time. Subsequently, roadworks under Contract No. ED/2018/04 was completed and handed over to HyD on 9 April 2024.

Please confirm that the you have undertaken the reinstatement of affected planters (see attached sketch) according to the new road layout and subsequent handover of planters to LCSD.

Thanks and Regards,

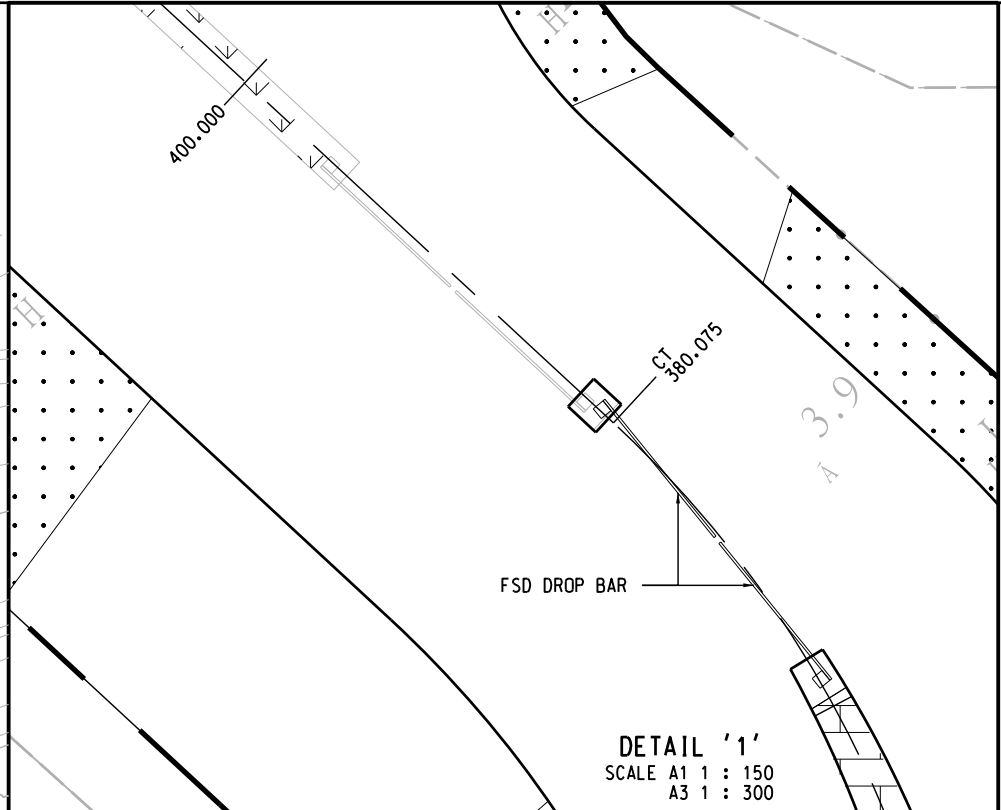
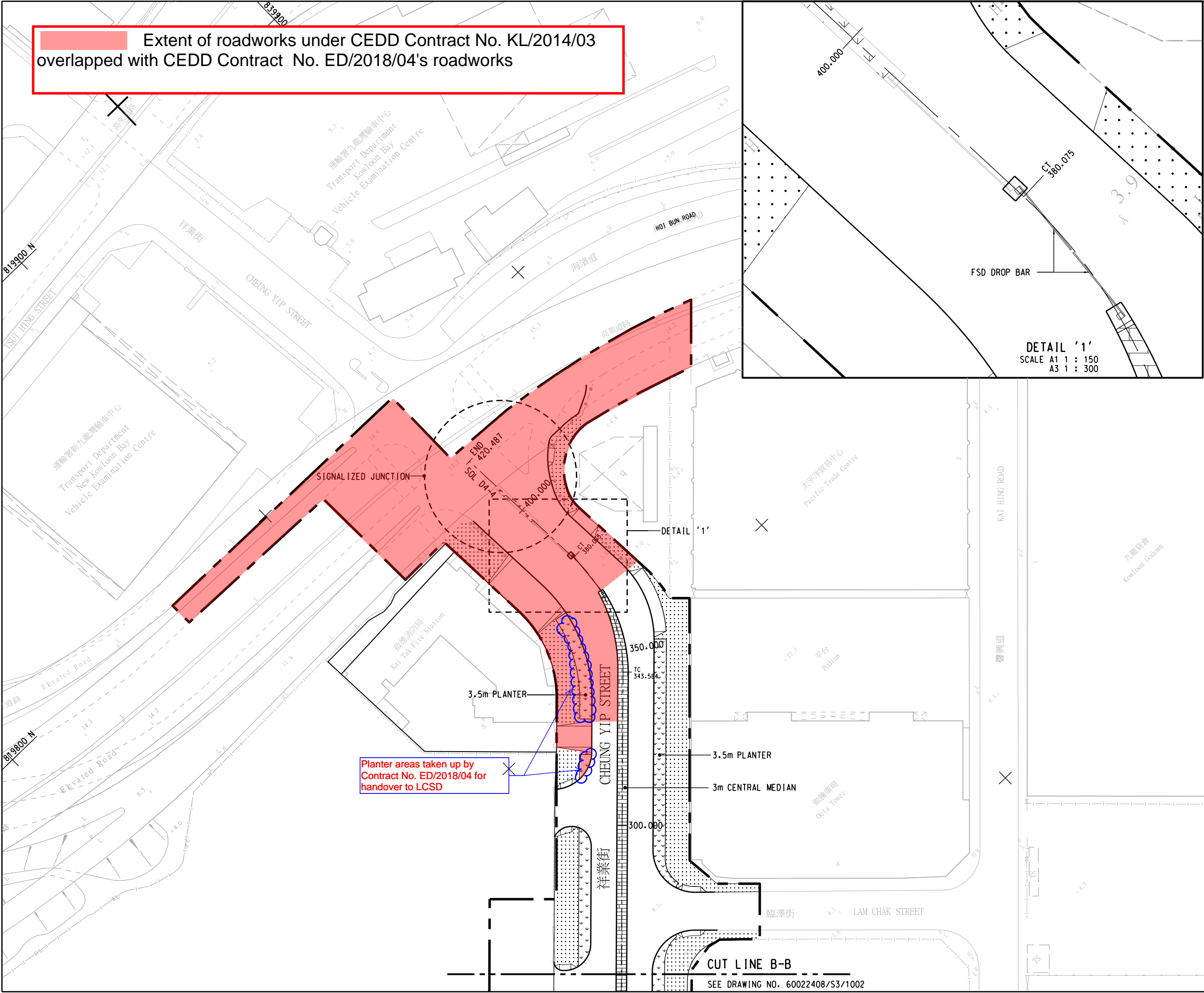
W. M. Khoo, Ming

HMJV

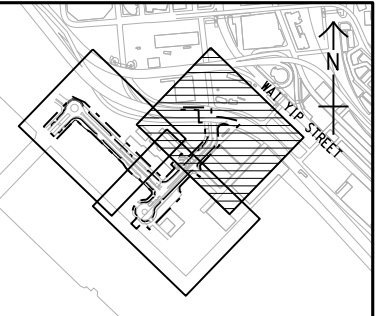
5293 0232

NOTICE: This email and any attachment(s) to it (the "Communication") are intended solely for the intended recipient(s). The contents of this Communication are privileged and confidential and may not be disclosed to, used by, copied or retained in any way other than by the intended recipient(s). If this Communication is received by anyone other than the intended recipient(s), please notify the sender immediately by return e-mail and delete the Communication and the return e-mail. Opinions, conclusions, representations, views and such other information expressed in this Communication are those of the individual sender

Extent of roadworks under CEDD Contract No. KL/2014/03 overlapped with CEDD Contract No. ED/2018/04's roadworks



Planter areas taken up by Contract No. ED/2018/04 for handover to LCSD



NOTES:
1. FOR NOTES AND LEGEND, REFER TO DRAWING NO. 60022408/S3/1001.

ACD	PS	AS-CONSTRUCTED	PL	S.MAK
Rev.	Date	Drawn	Description	Checked Approved



PROJECT
CONTRACT NO. KL/2014/03
KAI TAK DEVELOPMENT - STAGE 3
INFRASTRUCTURE WORKS FOR
DEVELOPMENTS AT THE SOUTHERN PART OF
THE FORMER RUNWAY

TITLE
GENERAL LAYOUT
(SHEET 3 OF 3)

DESIGNED	OSB	CHECKED	PL
DRAWN	PS	APPROVED	S.MAK

SCALE AT A1
A1 1 : 500
A3 1 : 1000

STATUS
AS-CONSTRUCTED

REV
ACD

Drawing No.
60022408/S3/1003
© Copyright reserved

PRINTED BY: rsto1 2022/4/14 ?? 09:35:02
FILENAME: Z:\Drawing Sketches\As-Constructed Drawings\60022408_S3_1003_ACD.dgn

CUT LINE B-B
SEE DRAWING NO. 60022408/S3/1002