

Agreement No. CE 8/2012 (HY)

Flyover from Kwai Tsing Interchange Upramp to Kwai Chung Road

Environmental Impact Assessment Report

Volume 2 of 2

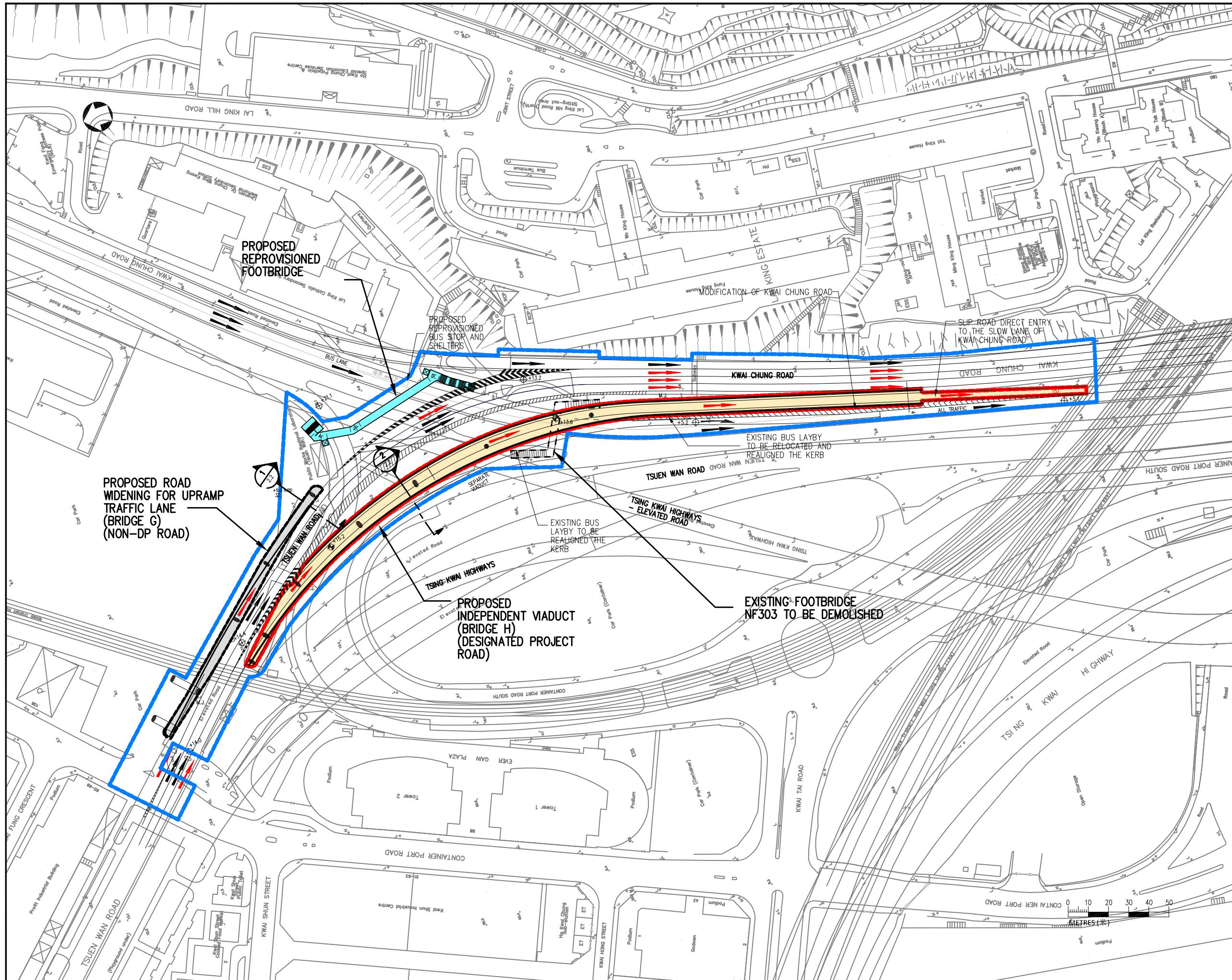









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- LEGEND:**
-  PROPOSED WIDENING OF BRIDGE DECK / ABUTMENT
 -  PROPOSED VIADUCT
 -  PROPOSED REPOSITIONED FOOTBRIDGE
 -  PROJECT BOUNDARY
 -  EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 -  OPTION 2A: ROUTING
 -  PROPOSED COLUMN

Rev.	Date	Description	Drawn	Checked

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OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

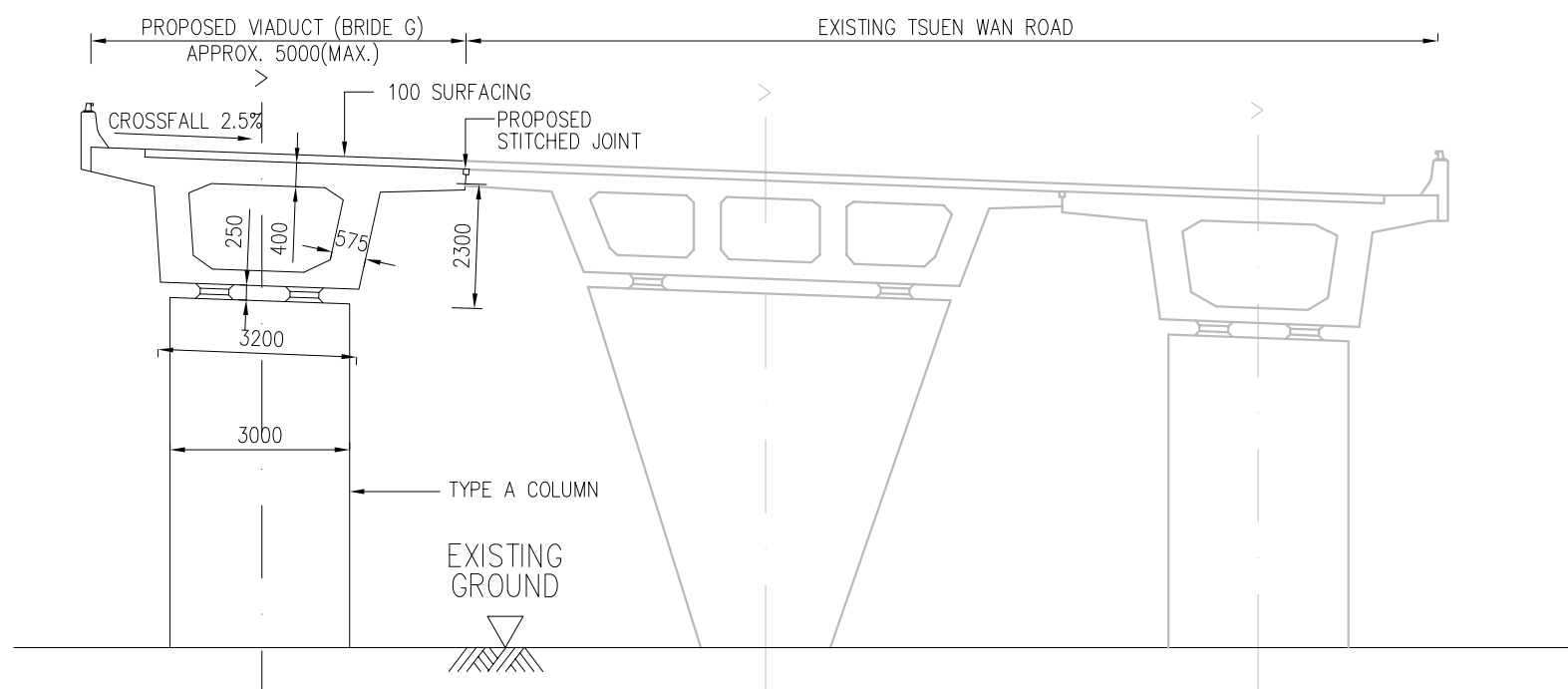
PROPOSED ROAD WORKS

Drawing No.	FIGURE 2.1			
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批准	ICWR	日期	29/08/14	圖章
		比例	MSP	AS SHOWN
		狀態		FINAL

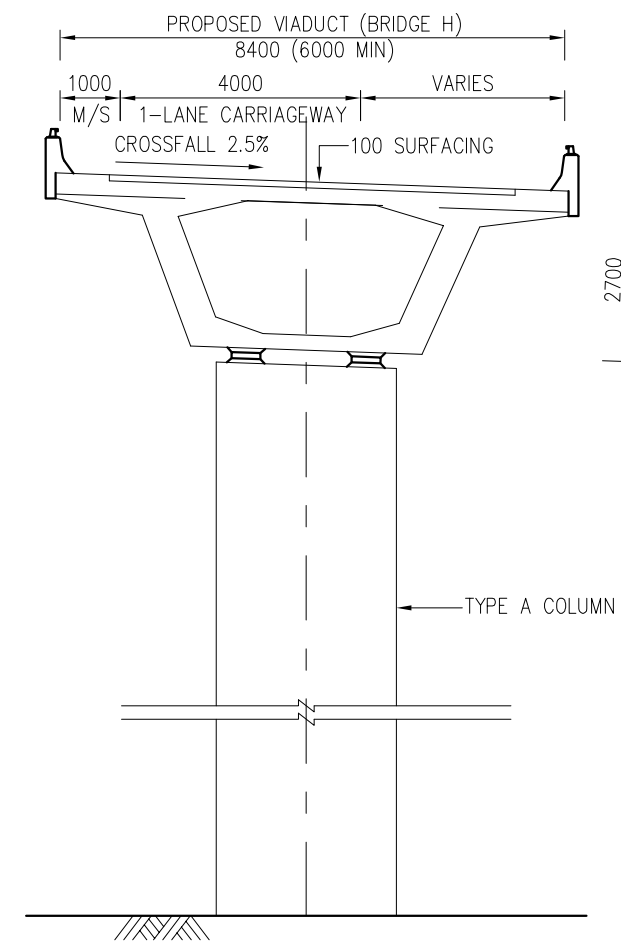
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NOTES:

1. UNLESS OTHERWISE SPECIFIED,
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MILLIMETERS



SECTION 1-1
SCALE: NTS



SECTION 2-2
SCALE: NTS

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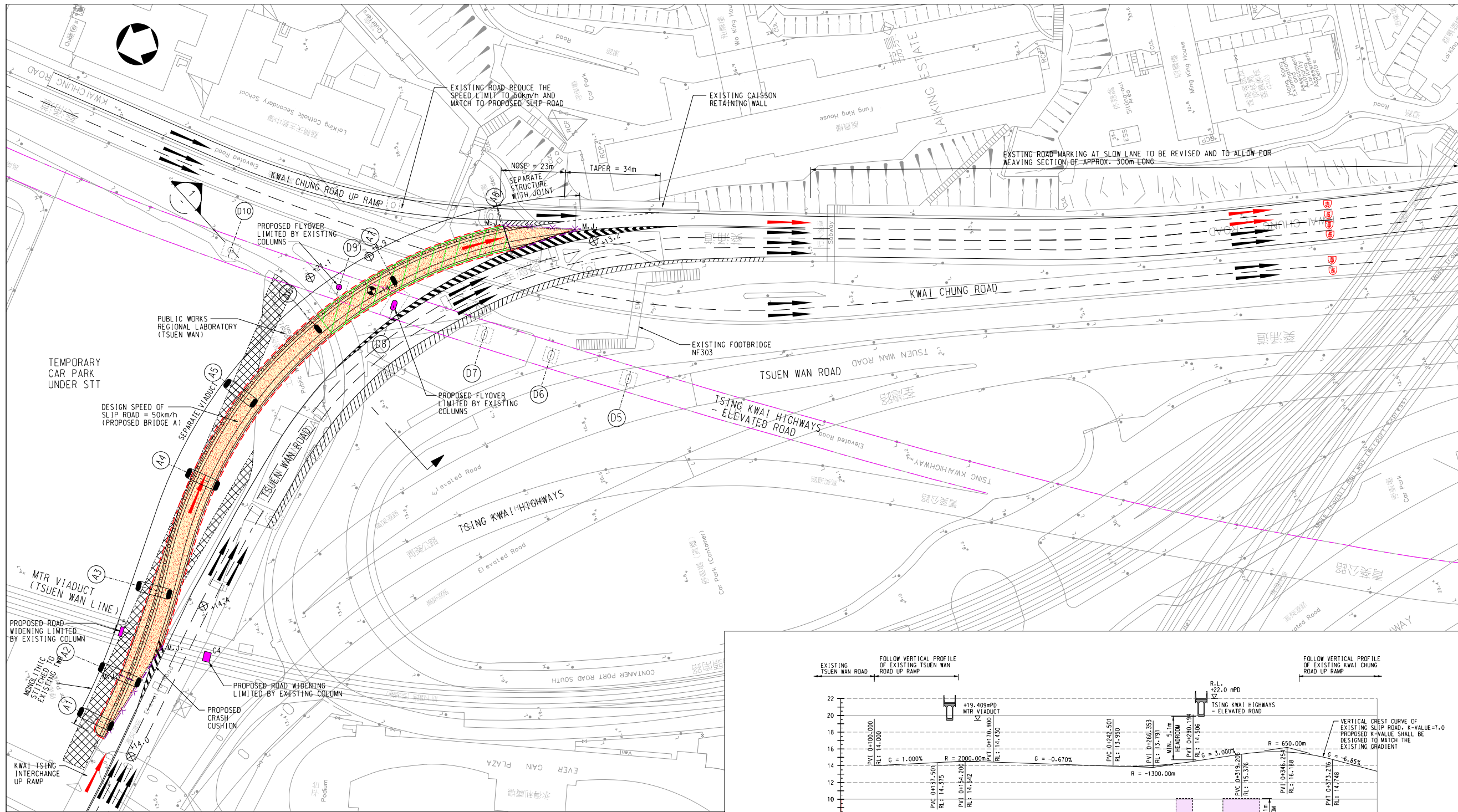
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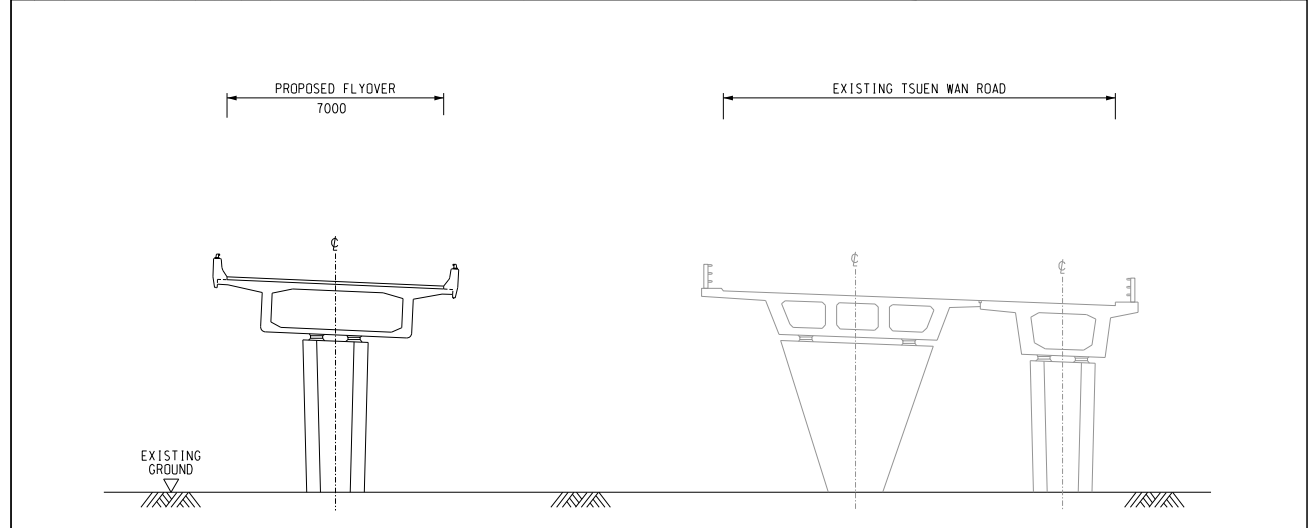
**SECTIONS OF PROPOSED
ROAD WORKS**

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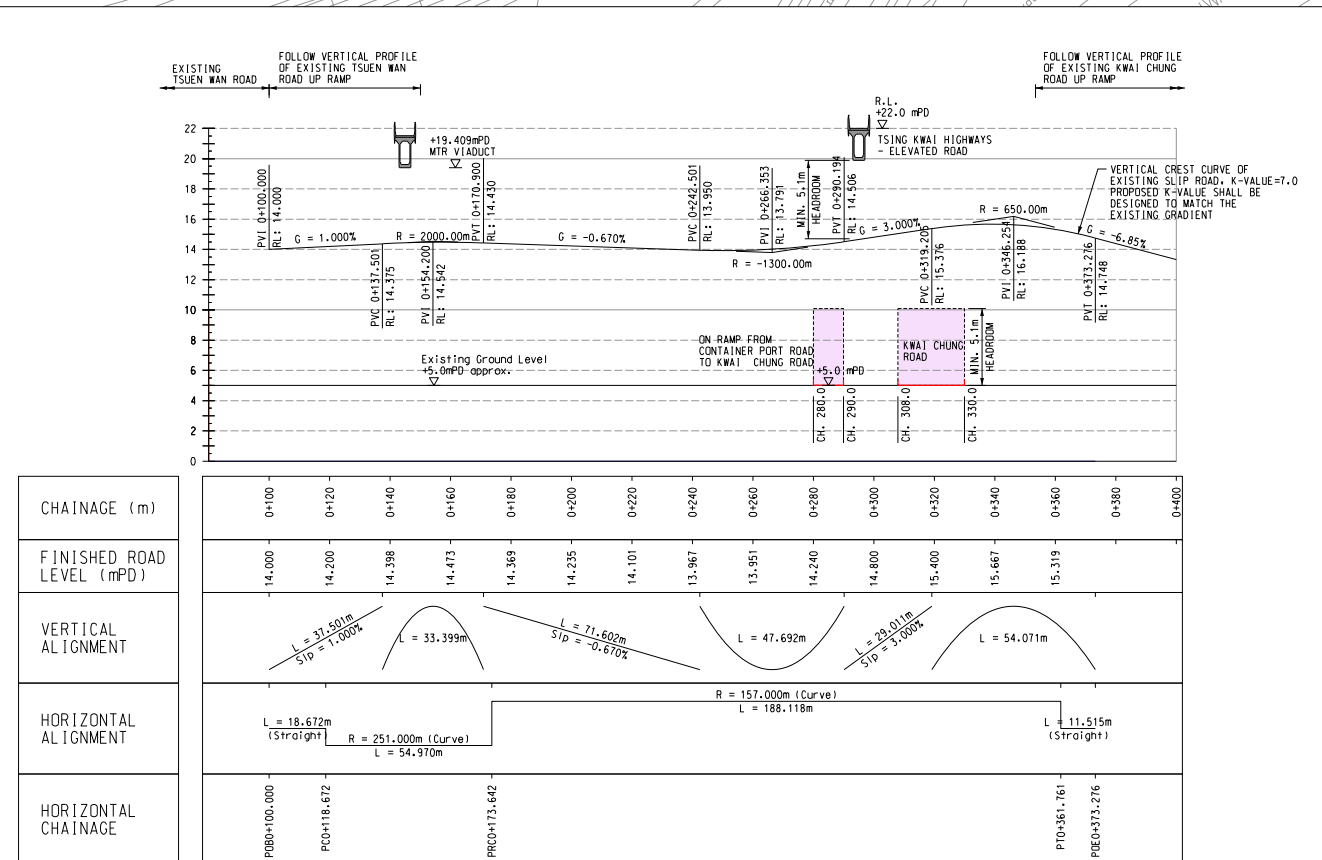




- LEGEND:**
- EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 - PROPOSED VIADUCT / WIDENING OF BRIDGE DECK
 - OPTION 1: ROUTING
 - DRAINAGE RESERVE
 - PROPOSED NOISE ENCLOSURE
 - PROPOSED MOVEMENT JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - PROPOSED MONOLITHIC STITCHED JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - EXISTING COLUMN
 - PROPOSED COLUMN
 - PROPOSED PORTAL FRAME SPAN ACROSS DRAINAGE RESERVE
 - ROUTE 3 - TO TSIM SHA TSUI, HONG KONG (W), LANTAU
 - ROUTE 5 - TO KWUN TONG, LAI CHI KOK, MONG KOK
 - EXISTING ROAD LEVEL IN mPD (APPROX.)
 - PROPOSED ROAD LEVEL IN mPD (APPROX.)
- ABBREVIATIONS:**
- PVI - POINT OF VERTICAL INTERSECTION
 - PVC - POINT OF VERTICAL CURVATURE
 - PVT - POINT OF VERTICAL TANGENCY
 - RL - FINISHED ROAD LEVEL



SECTION 1 - 1
SCALE N.T.S.



VERTICAL PROFILE
SCALE N.T.S.

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核
C	MAY13	MINOR AMENDMENT	ELVIS	ESH
B	APR13	EXISTING MTR'S COLUMNS ADDED	ELVIS	ESH
A	MAR13	PROPOSED COLUMNS AND GRID ADDED	ELVIS	ESH

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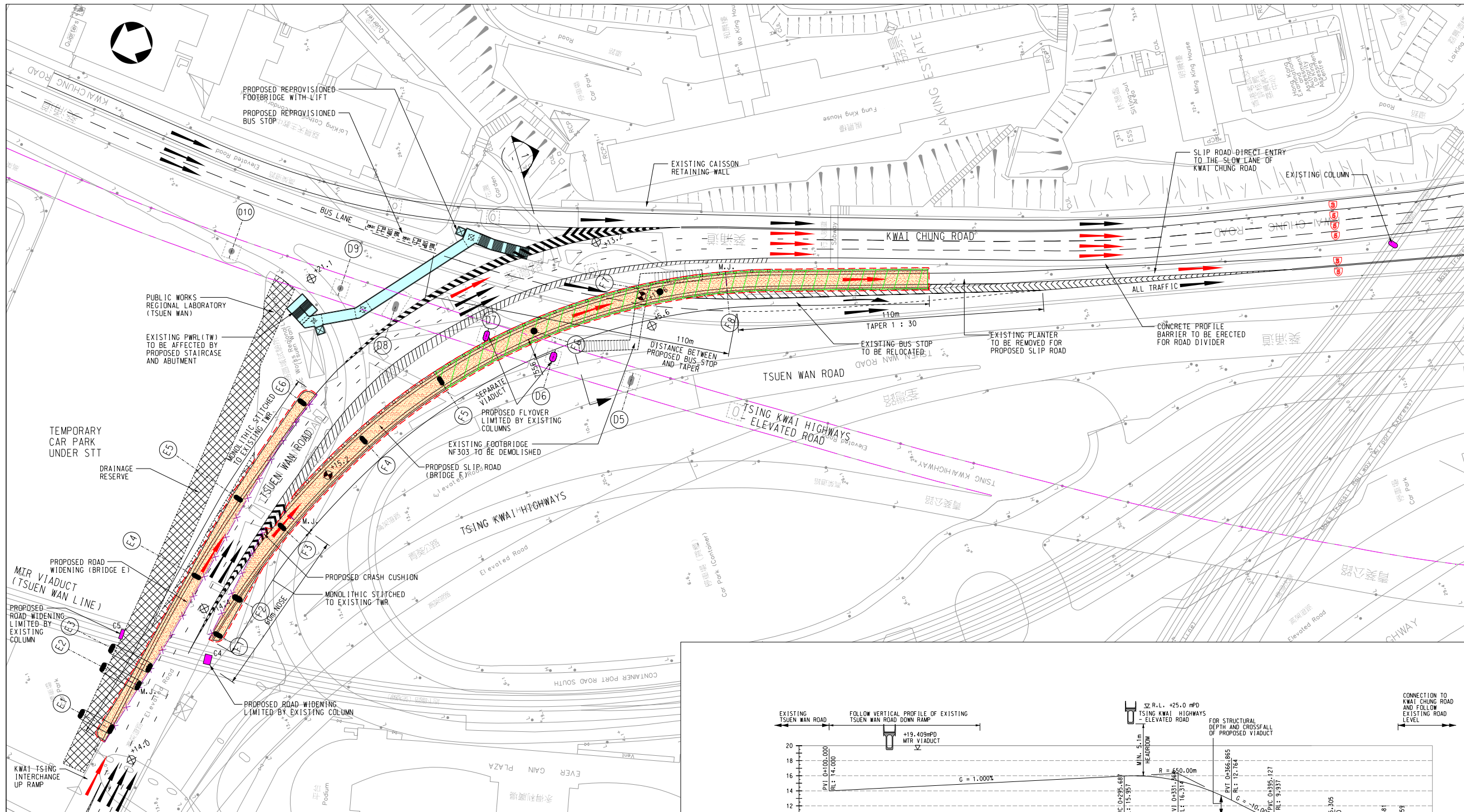
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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

OPTION 1: SEPARATE VIADUCT ON EAST SIDE OF TWR (DESIGN SPEED 50 KM/H)

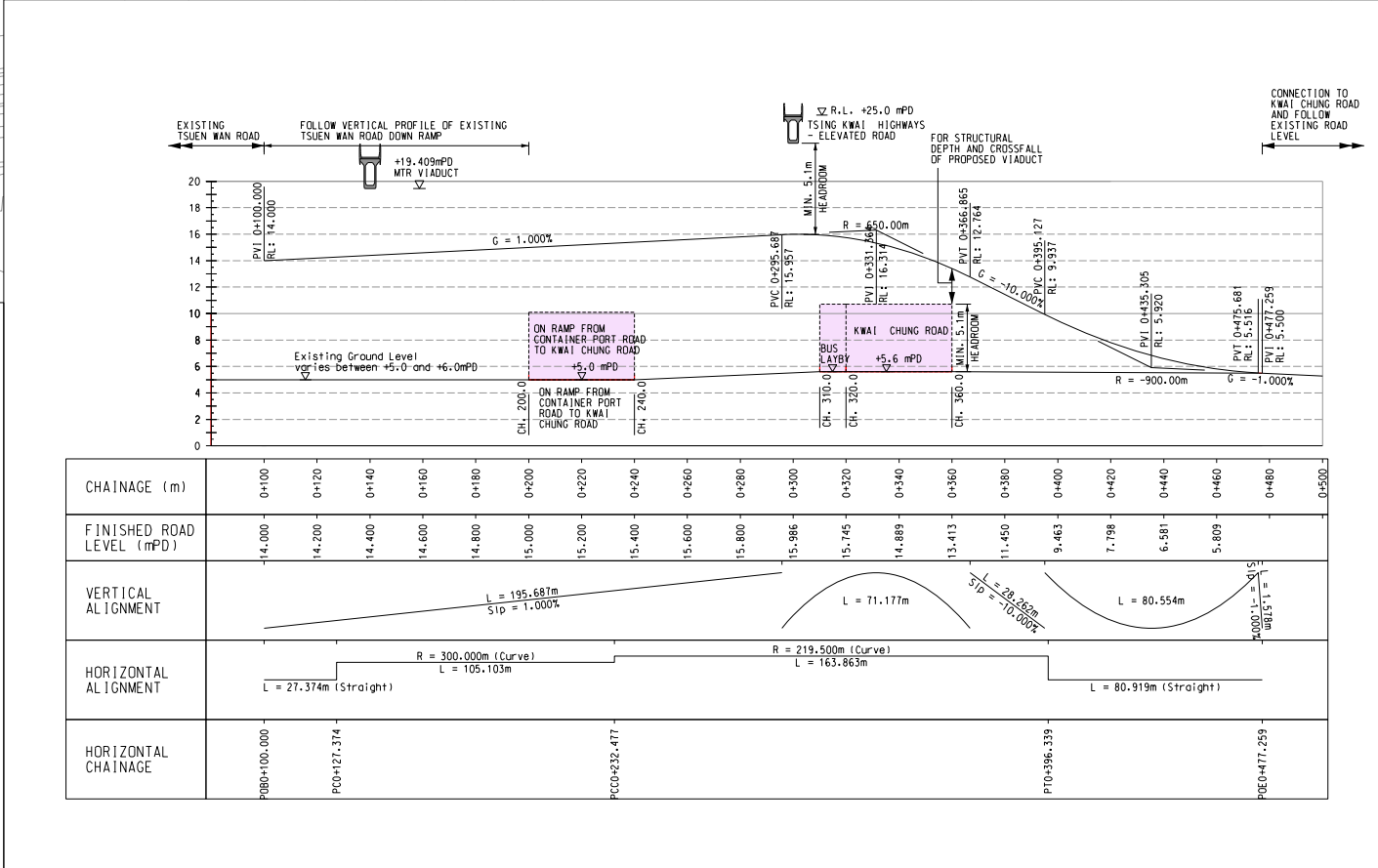
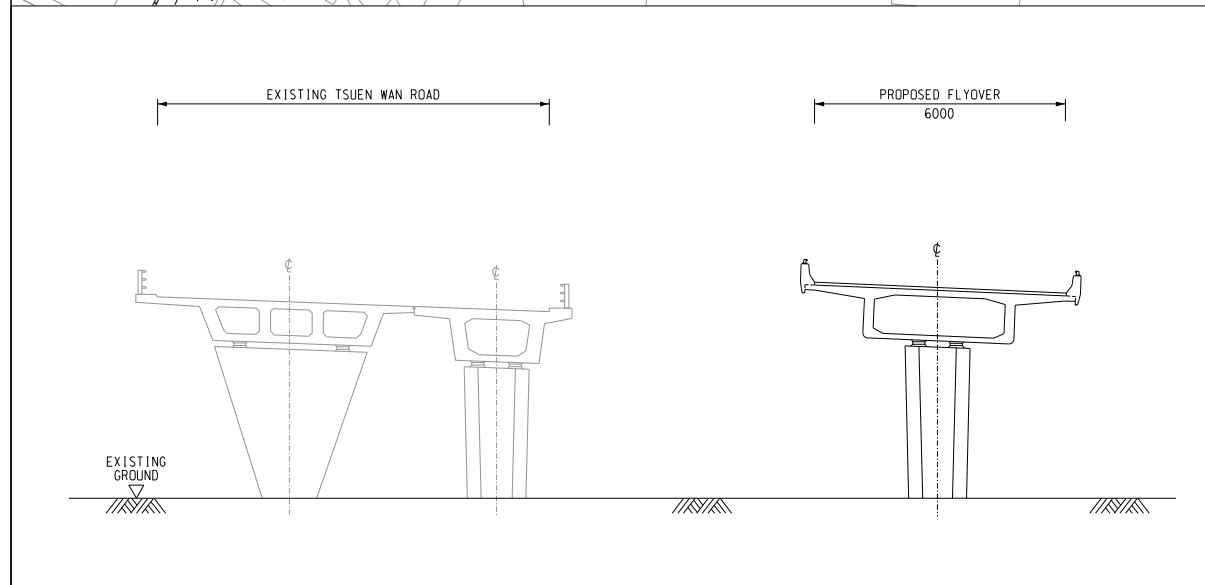
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Approved 批准: TSN	Date 日期: 12/14	Status 狀態: PRELIMINARY		





- LEGEND:**
- EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 - PROPOSED VIADUCT / WIDENING OF BRIDGE DECK
 - OPTION 2: ROUTING
 - PROPOSED REPROVISIONED FOOTBRIDGE
 - DRAINAGE RESERVE
 - PROPOSED NOISE ENCLOSURE
 - PROPOSED MOVEMENT JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - PROPOSED MONOLITHIC STITCHED JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - EXISTING COLUMN
 - PROPOSED COLUMN
 - PROPOSED PORTAL FRAME SPAN ACROSS DRAINAGE RESERVE
 - ROUTE 3 - TO TSMI SHA TSUI, HONG KONG (W), LANTAU
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Rev.	Date	Description	Drawn	Checked
C	MAY13	MINOR AMENDMENT	ELVIS	ESH
B	APR13	EXISTING MTR'S COLUMNS ADDED	ELVIS	ESH
A	MAR13	PROPOSED FOOTBRIDGE REVISED, COLUMNS AND GRID ADDED	ELVIS	ESH

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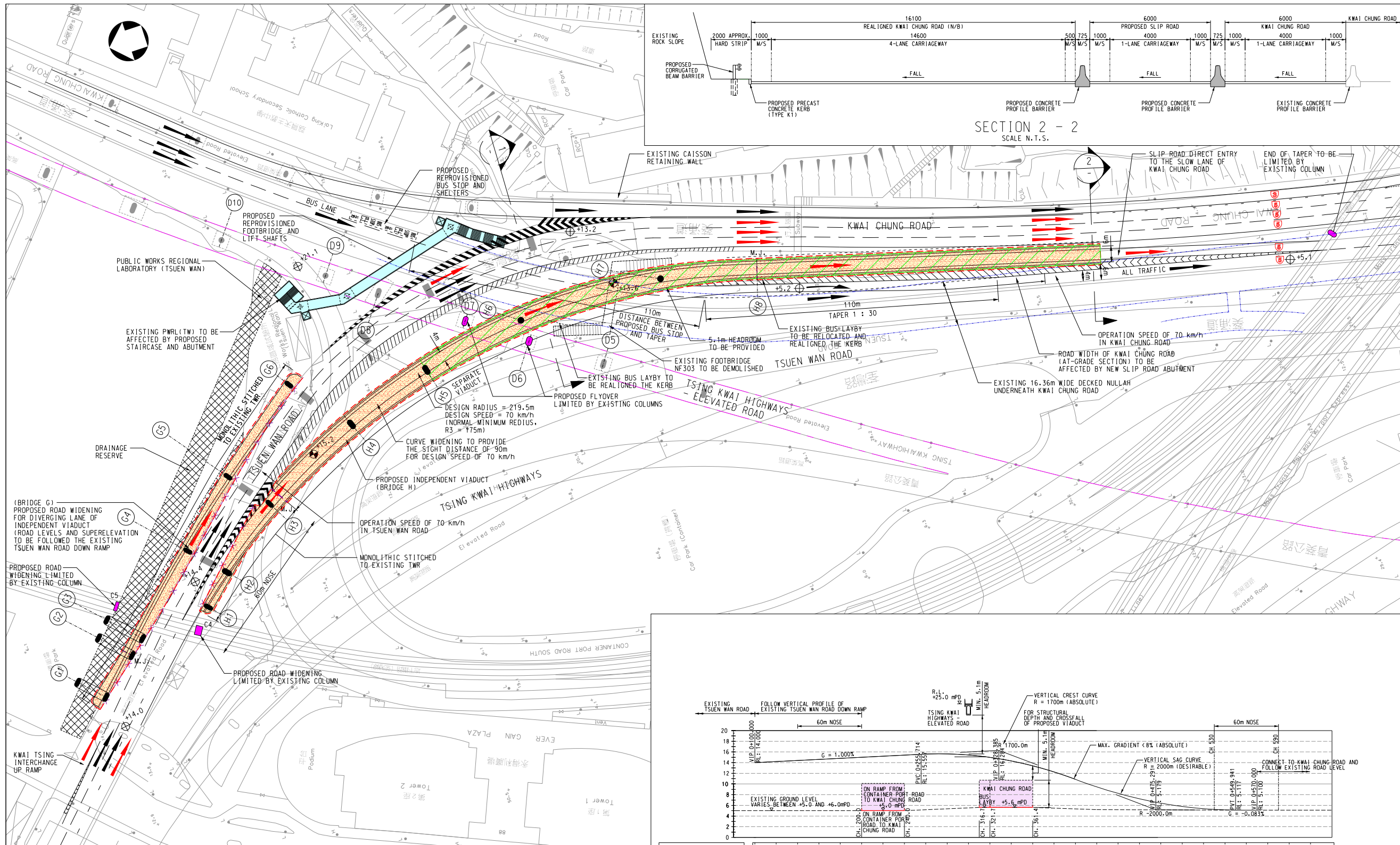
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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

OPTION 2: SEPARATE VIADUCT ON WEST SIDE OF TWR (DESIGN SPEED 50KM/H)

Drawing No.	FIGURE 2.5
Designed	HC
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Checked	HCKL
Scale	1:750 (A1)
Approved	TSN
Date	12/14
Status	PRELIMINARY





- LEGEND:**
- EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 - PROPOSED VIADUCT / WIDENING OF BRIDGE DECK / ABUTMENT
 - OPTION 2A: ROUTING
 - PROPOSED REPROVISIONED FOOTBRIDGE
 - DRAINAGE RESERVE
 - PROPOSED NOISE ENCLOSURE
 - PROPOSED MOVEMENT JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - PROPOSED MONOLITHIC STITCHED JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - EXISTING DECKED NULLAH
 - EXISTING COLUMN
 - PROPOSED COLUMN
 - PROPOSED PORTAL FRAME SPAN ACROSS DRAINAGE RESERVE
 - ROUTE 3 - TO TSIM SHA TSUI, HONG KONG (W), LANTAU
 - ROUTE 5 - TO KWUN TONG, LAI CHI KOK, MONG KOK
 - EXISTING ROAD LEVEL IN mPD (APPROX.)
 - PROPOSED ROAD LEVEL IN mPD (APPROX.)

- ABBREVIATIONS:**
- PVI - POINT OF VERTICAL INTERSECTION
 - PVC - POINT OF VERTICAL CURVATURE
 - PVT - POINT OF VERTICAL TANGENCY
 - RL - FINISHED ROAD LEVEL
 - M/S - MARGINAL STRIP
 - C/M - CENTRAL MEDIAN

Rev.	Date	Description	Drawn	Checked
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C	MAY13	MINOR AMENDMENT	ELVIS	ESH
B	APR13	EXISTING MTR'S COLUMNS ADDED	ELVIS	ESH
A	MAR13	PROPOSED FOOTBRIDGE REVISED, COLUMNS AND GRID ADDED	ELVIS	ESH

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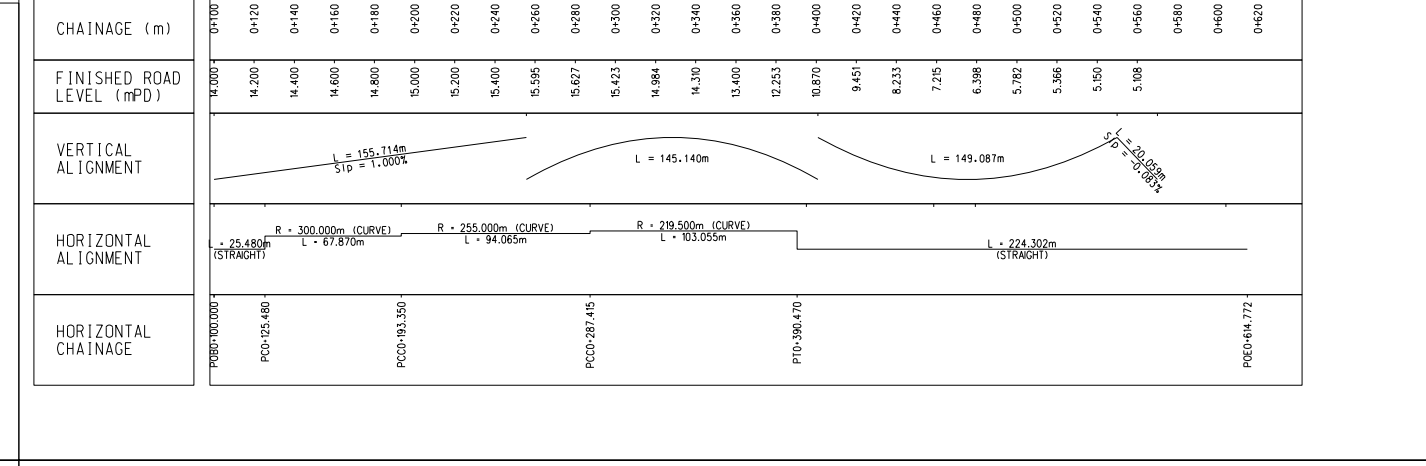
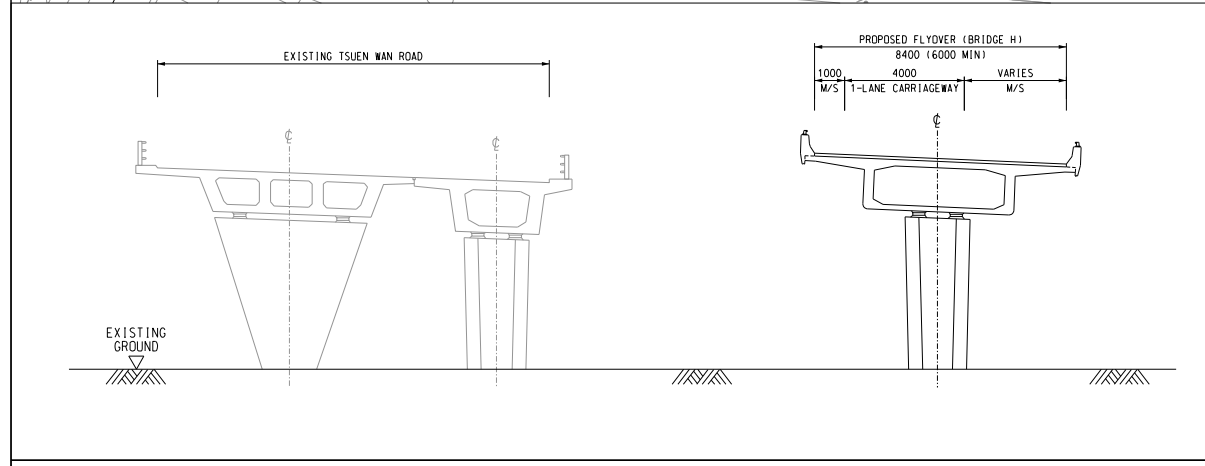
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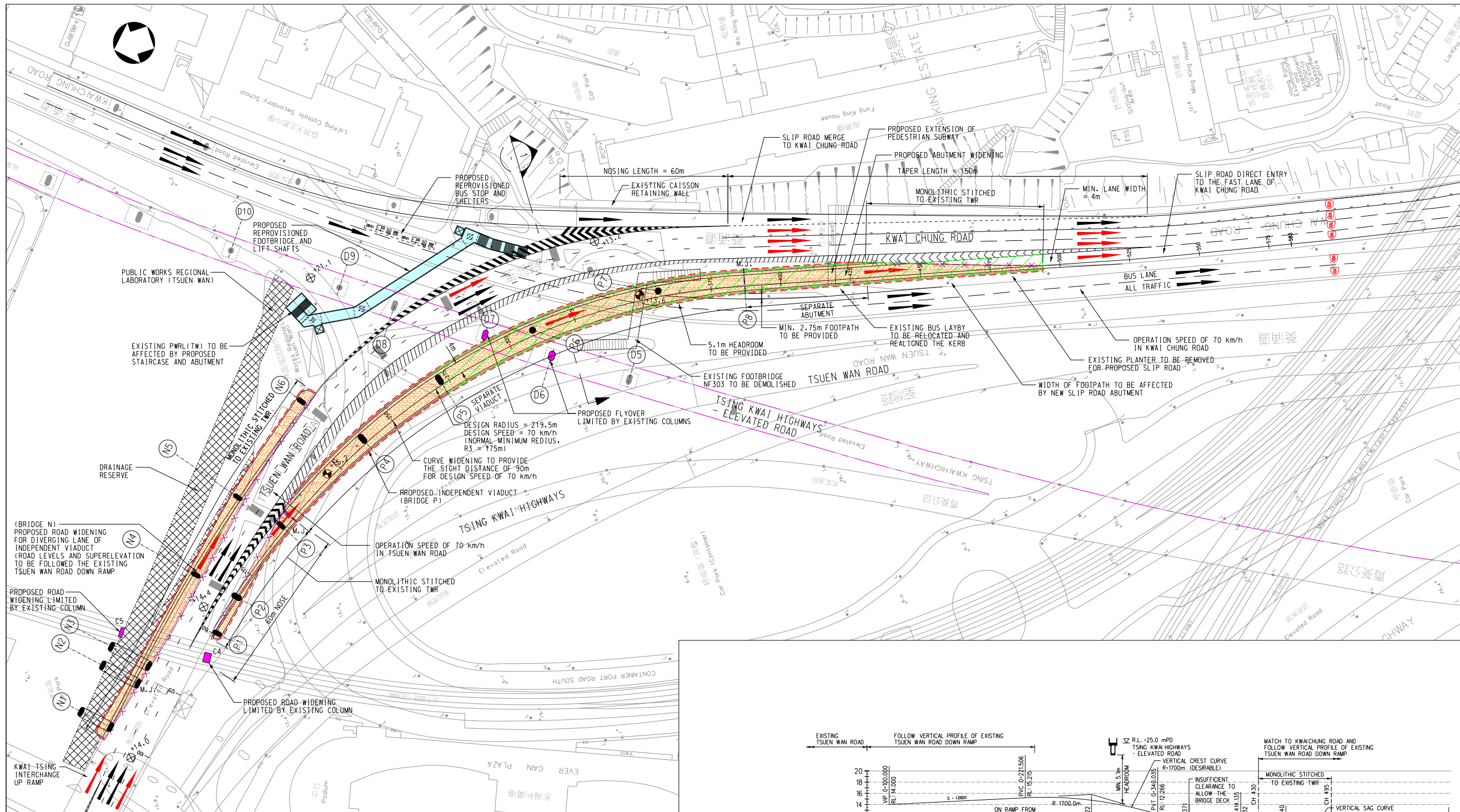
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 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

OPTION 2A: SEPARATE VIADUCT ON WEST SIDE OF TWR (DESIGN SPEED 70KM/H)

Drawing No. **FIGURE 2.6**

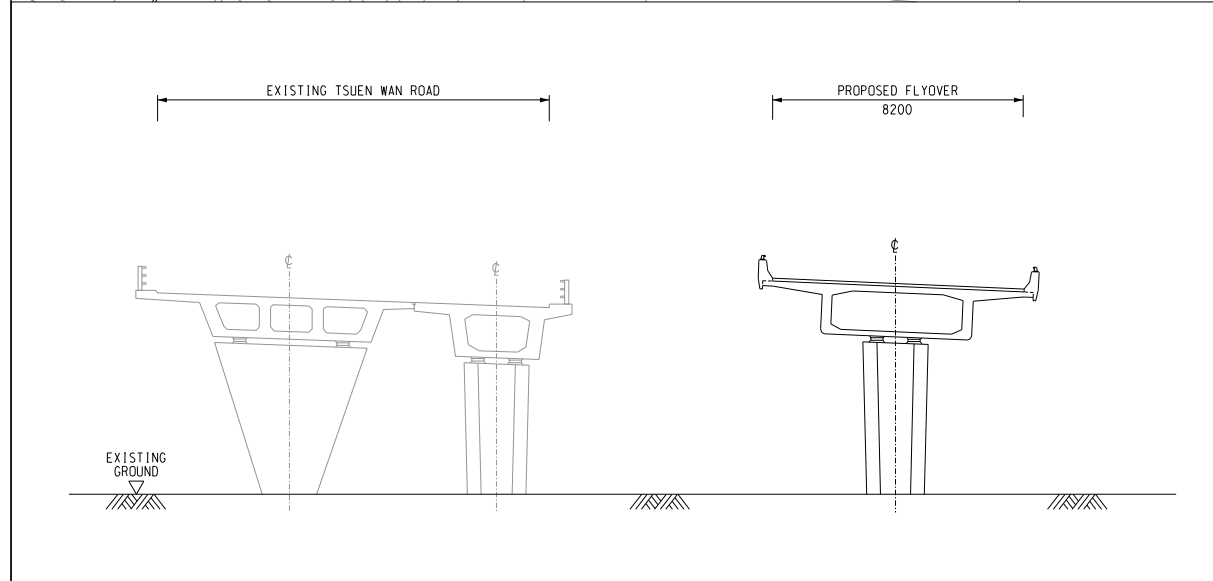
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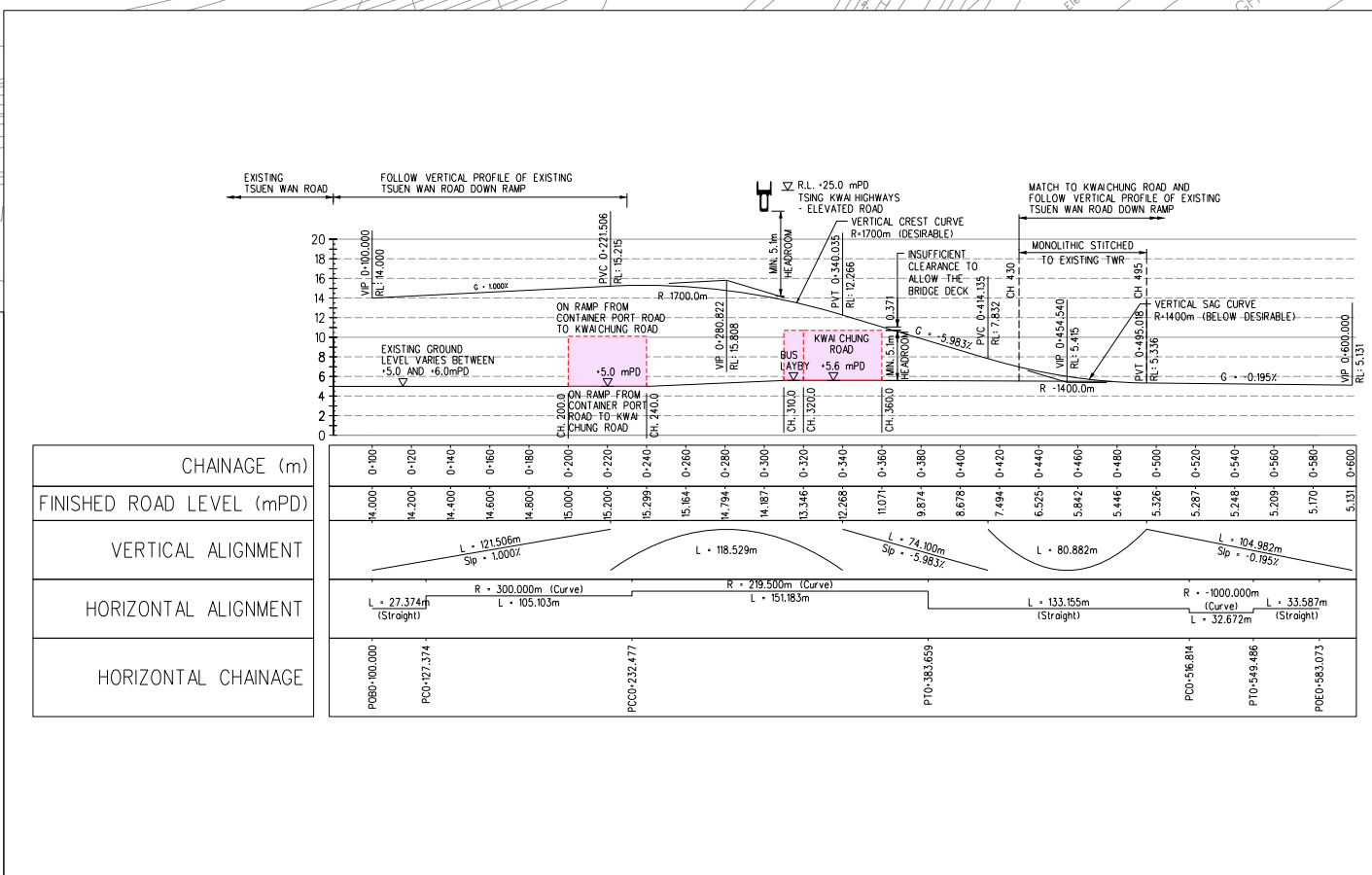


- LEGEND:**
- EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 - PROPOSED VIADUCT / WIDENING OF BRIDGE DECK
 - OPTION 2B: ROUTING
 - PROPOSED REPROVISIONED FOOTBRIDGE
 - DRAINAGE RESERVE
 - PROPOSED NOISE ENCLOSURE
 - PROPOSED MOVEMENT JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - PROPOSED MONOLITHIC STITCHED JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - EXISTING COLUMN
 - PROPOSED COLUMN
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 - ROUTE 3 - TO TSIM SHA TSUI, HONG KONG (W), LANTAU
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 - EXISTING ROAD LEVEL IN mPD (APPROX.)
 - PROPOSED ROAD LEVEL IN mPD (APPROX.)

- ABBREVIATIONS:**
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SECTION 1 - 1
SCALE N.T.S.



VERTICAL PROFILE
SCALE N.T.S.

Rev.	Date	Description	Drawn	Checked

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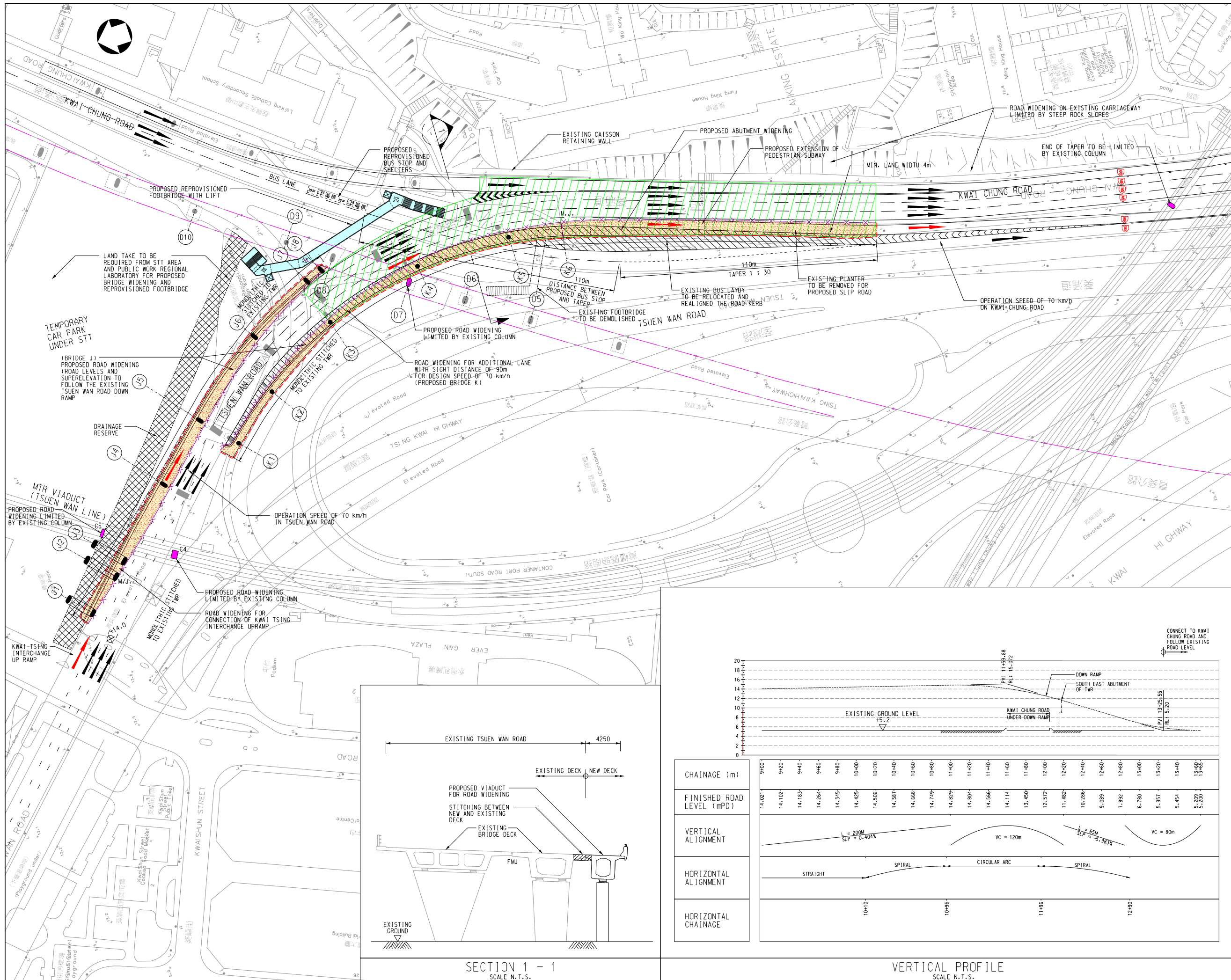
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

OPTION 2B: SEPARATE VIADUCT ON WEST SIDE OF TWR AND MERGING NEAR-SIDE LANE OF TWR WITH KCR UP RAMP (DESIGN SPEED 70KM/H)

Drawing No. **FIGURE 2.7**

Designed	HC	Drawn	CMH	Checked	HCKL	Scale	1:750 (A1)
Approved	TSN	Date	12/14	Status	PRELIMINARY		





- LEGEND:**
- EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 - PROPOSED VIADUCT / WIDENING OF BRIDGE DECK
 - OPTION 3: ROUTING
 - PROPOSED REPROVISIONED FOOTBRIDGE
 - DRAINAGE RESERVE
 - PROPOSED NOISE ENCLOSURE
 - PROPOSED MOVEMENT JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - PROPOSED MONOLITHIC STITCHED JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - EXISTING COLUMN
 - PROPOSED COLUMN
 - PROPOSED PORTAL FRAME SPAN ACROSS DRAINAGE RESERVE
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 - EXISTING ROAD LEVEL IN mPD (APPROX.)
 - PROPOSED ROAD LEVEL IN mPD (APPROX.)

- ABBREVIATIONS:**
- PVI - POINT OF VERTICAL INTERSECTION
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C	MAY13	MINOR AMENDMENT	ELVIS	ESH
B	APR13	EXISTING MTR'S COLUMNS ADDED	ELVIS	ESH
A	MAR13	PROPOSED FOOTBRIDGE REVISED, COLUMNS AND GRID ADDED	ELVIS	ESH

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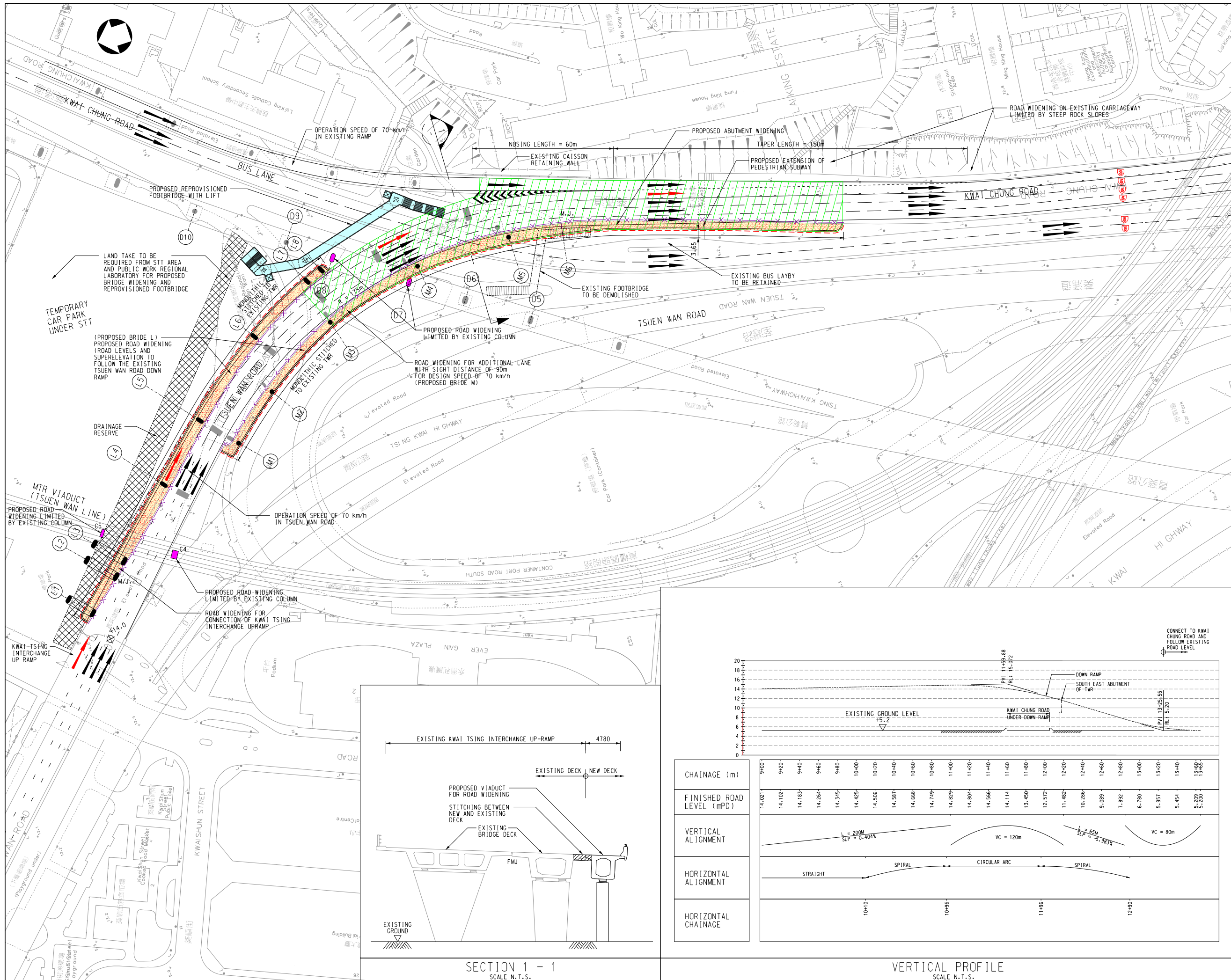
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 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

OPTION 3: WIDENING ALONG BOTH NEAR-SIDE AND OFF-SIDE LANES OF TWR (DESIGN SPEED 70 KM/H)

Drawing No.	FIGURE 2.8			
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HC	CMH	HCKL	1:750 (A1)	
Approved	Date	Status		
TSN	12/14	PRELIMINARY		





- LEGEND:**
- EXISTING TRAFFIC DIRECTION (ONE ARROW REPRESENTS ONE LANE)
 - PROPOSED VIADUCT / WIDENING OF BRIDGE DECK
 - OPTION 3A: ROUTING
 - PROPOSED REPROVISIONED FOOTBRIDGE
 - DRAINAGE RESERVE
 - PROPOSED NOISE ENCLOSURE
 - PROPOSED MOVEMENT JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - PROPOSED MONOLITHIC STITCHED JOINT BETWEEN EXISTING AND PROPOSED STRUCTURES
 - EXISTING COLUMN
 - PROPOSED COLUMN
 - PROPOSED PORTAL FRAME SPAN ACROSS DRAINAGE RESERVE
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 - EXISTING ROAD LEVEL IN mPD (APPROX.)
 - PROPOSED ROAD LEVEL IN mPD (APPROX.)

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Rev.	Date	Description	Drawn	Checked

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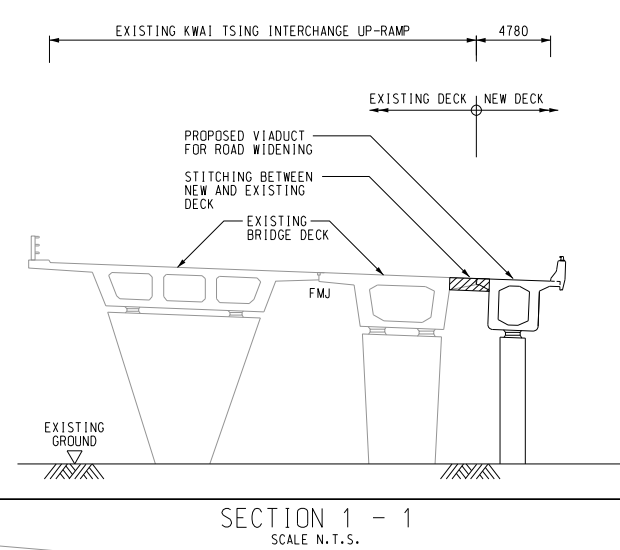
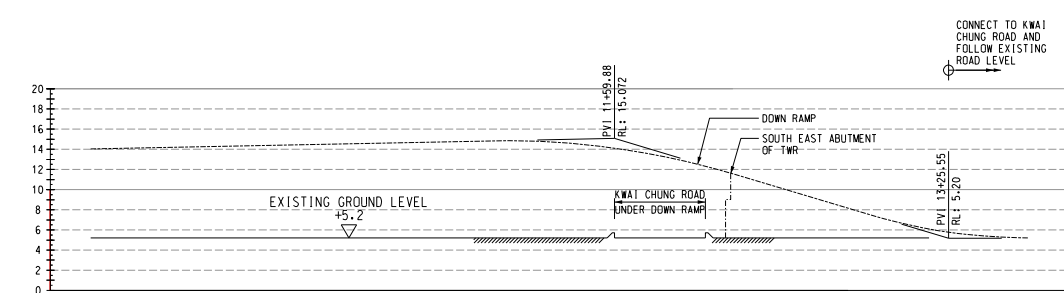
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

OPTION 3A: WIDENING ALONG BOTH NEAR-SIDE AND OFF-SIDE LANES OF TWR AND MERGING NEAR-SIDE LANE OF TWR WITH KCR UP-RAMP (DESIGN SPEED 70KM/H)

Drawing No. **FIGURE 2.9**

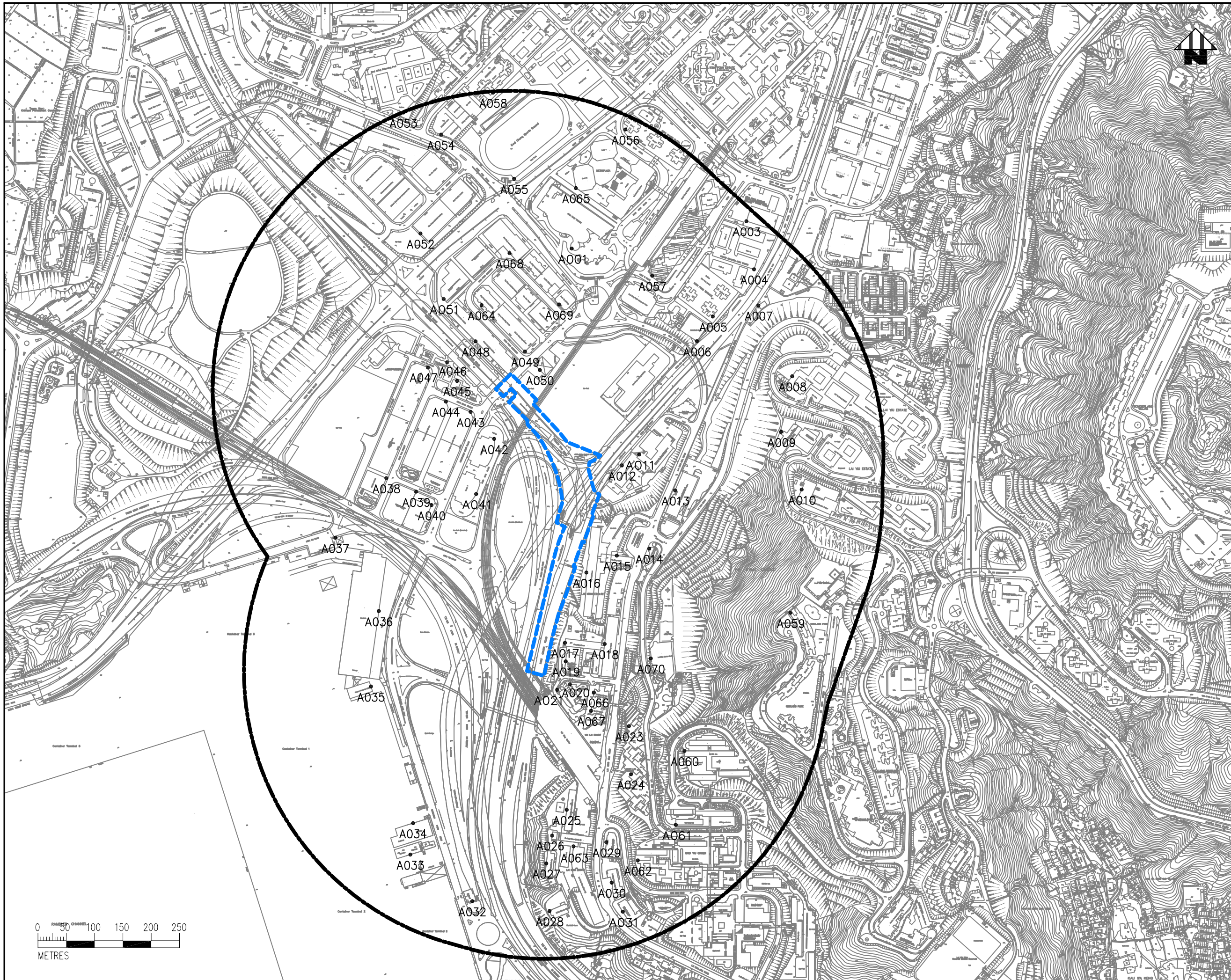
Designed	Drawn	Checked	Scale
HC	CMH	HCKL	1:750 (A1)
Approved	Date	Status	
TSN	12/14	PRELIMINARY	

CHAINAGE (m)	9+00	9+20	9+40	9+60	9+80	10+00	10+20	10+40	10+60	10+80	11+00	11+20	11+40	11+60	11+80	12+00	12+20	12+40	12+60	12+80	13+00	13+20	13+40	13+60	13+80
FINISHED ROAD LEVEL (mPD)	14.021	14.102	14.183	14.264	14.345	14.425	14.506	14.587	14.668	14.749	14.829	14.904	14.986	15.067	15.148	15.229	15.310	15.391	15.472	15.553	15.634	15.715	15.796	15.877	15.958
VERTICAL ALIGNMENT																									
HORIZONTAL ALIGNMENT																									
HORIZONTAL CHAINAGE																									



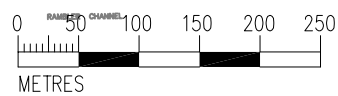
VERTICAL PROFILE
SCALE N.T.S.






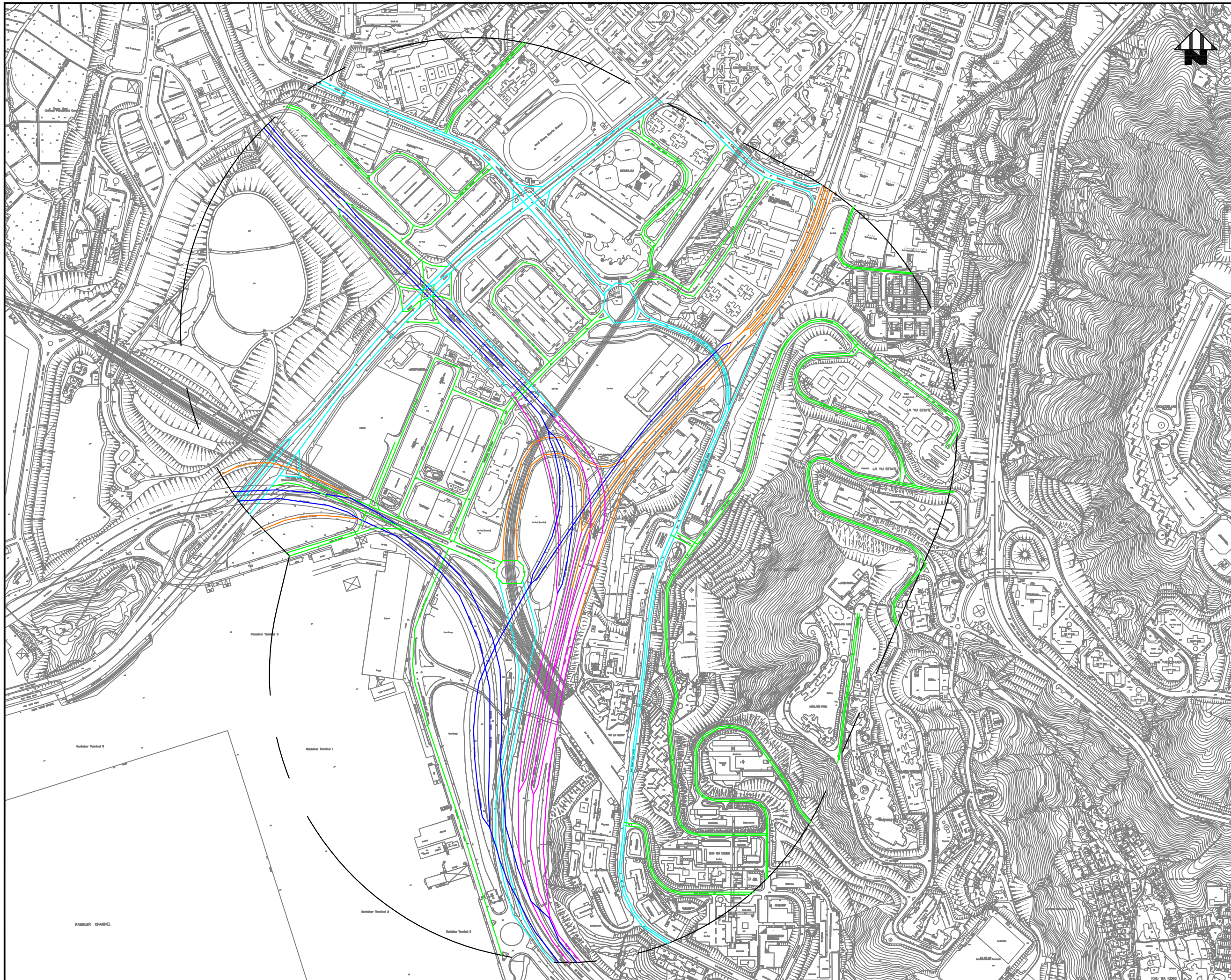
NOTE:
COORDINATES ARE RELATED TO
HONG KONG METRIC GRID(1980)

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - 500M FROM SITE BOUNDARY



Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 覆核
 土木工程拓展署 Civil Engineering and Development Department				
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE				
AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION				
LOCATIONS OF AIR SENSITIVE RECEIVERS (ASRs)				
Drawing No. 圖則編號		FIGURE 3.1		
Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 覆核
Approved 批准	ICWR	Date 日期	CYA 03/15	Scale 比例
			AS SHOWN	Status 狀態
			FINAL	





NOTE:
COORDINATES ARE RELATED
TO HONG KONG METRIC
GRID(1980)

LEGEND:

- 500M FROM SITE BOUNDARY
- EXPRESSWAY SECTION
- URBAN TRUNK ROAD
- URBAN PRIMARY DISTRIBUTOR
- URBAN DISTRICT DISTRIBUTOR
- URBAN LOCAL DISTRIBUTOR

Rev.	Date	Description	Drawn	Checked
修訂	日期	內容摘要	繪圖	覆核


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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

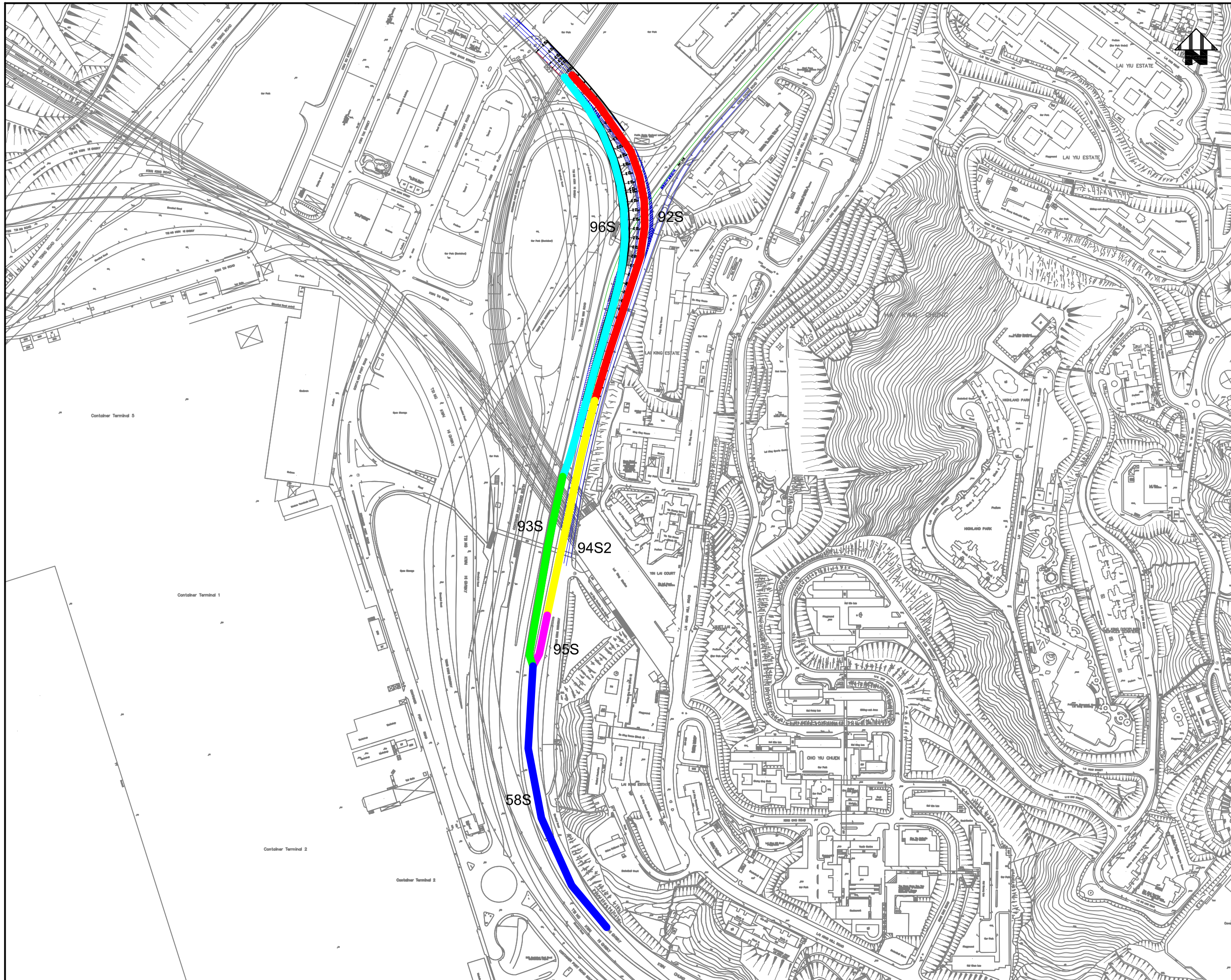
ROAD LINKS OF VEHICULAR EMISSION MODEL

Drawing No.	Figure No.
圖則編號	圖號

Designed	Drawn	Checked	Scale
設計	繪圖	覆核	比例
J/CM	J/CM	CYA	AS SHOWN

Approved	Date	Status
批准	日期	現狀
	03/15	FINAL





NOTE:
COORDINATES ARE RELATED
TO HONG KONG METRIC
GRID(1980)

LEGEND:
ROADS WITH FLOW CHANGE

Rev.	Date	Description	Drawn	Checked

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DEVELOPMENT OFFICE

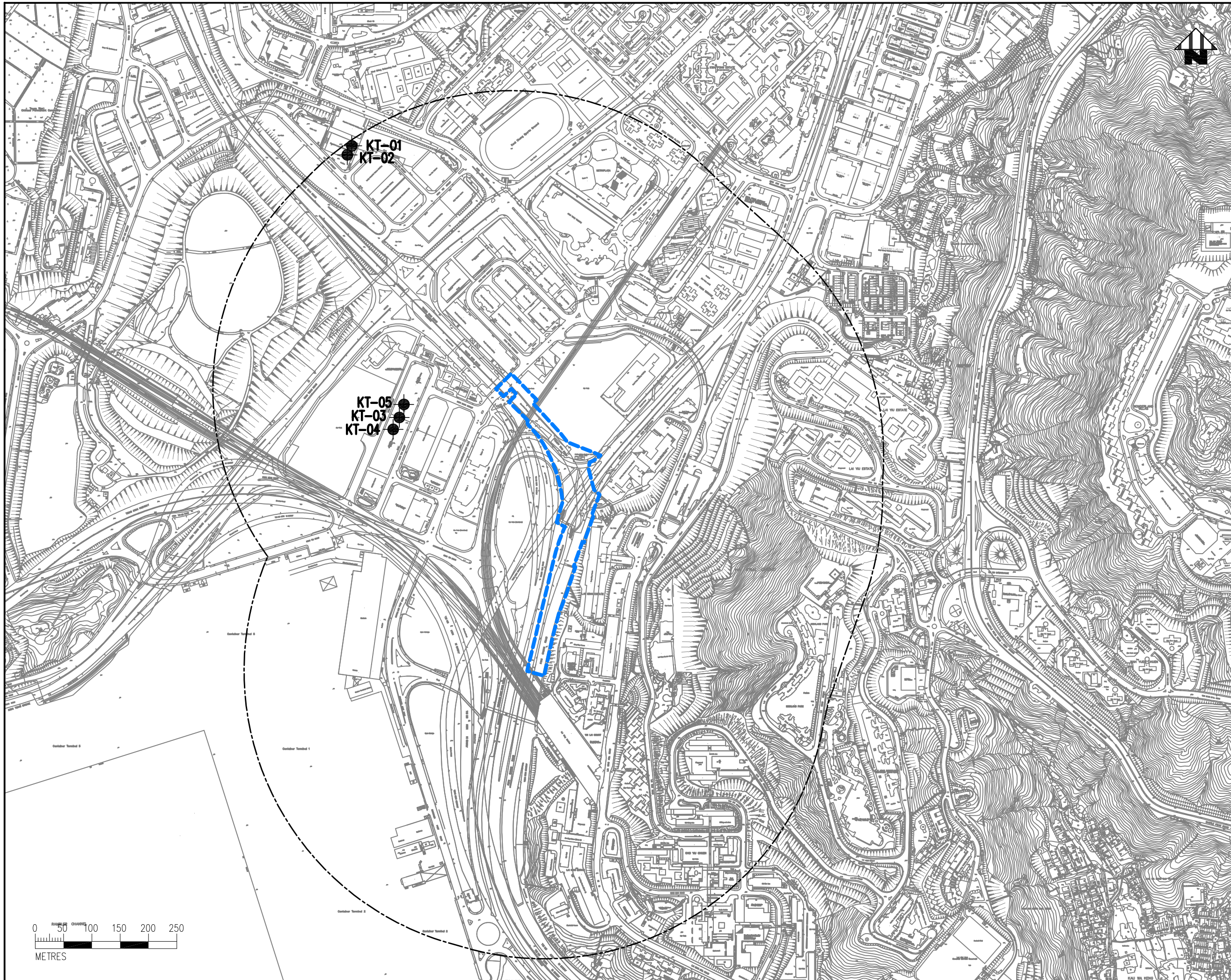
AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING
INTERCHANGE UP-RAMP TO
KWAI CHUNG ROAD – INVESTIGATION

MAJOR ROADS WITH PREDICTED
TRAFFIC FLOW CHANGES
DUE TO THE PROJECT

Designated	Drawn	Checked	Scale
JLCM	JLCM	CYA	AS SHOWN
Approved	Date	Status	
ICWR	03/15	ISSUE	FINAL

FIGURE 3.3





NOTE:
COORDINATES ARE RELATED TO
HONG KONG METRIC GRID(1980)

- LEGEND:
- SITE BOUNDARY
 - - - 500M FROM SITE BOUNDARY
 - CHIMNEY

Rev.	Date	Description	Drawn	Checked
修訂	日期	內容摘要	繪圖	校核

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DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING
INTERCHANGE UPRAMP TO
KWAI CHUNG ROAD – INVESTIGATION

LOCATIONS OF CHIMNEYS
WITHIN THE 500m STUDY AREA

Design No.	Drawn	Checked	Scale
圖則編號	繪圖	校核	比例
	JLCM	JLCM	CYA

FIGURE 3.4

Approved	Date	Status
校核	日期	狀態
ICWR	03/15	FINAL





(25_31)




(26_31)

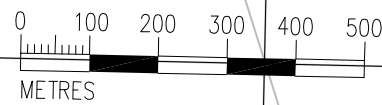
(25_30)


(26_30)



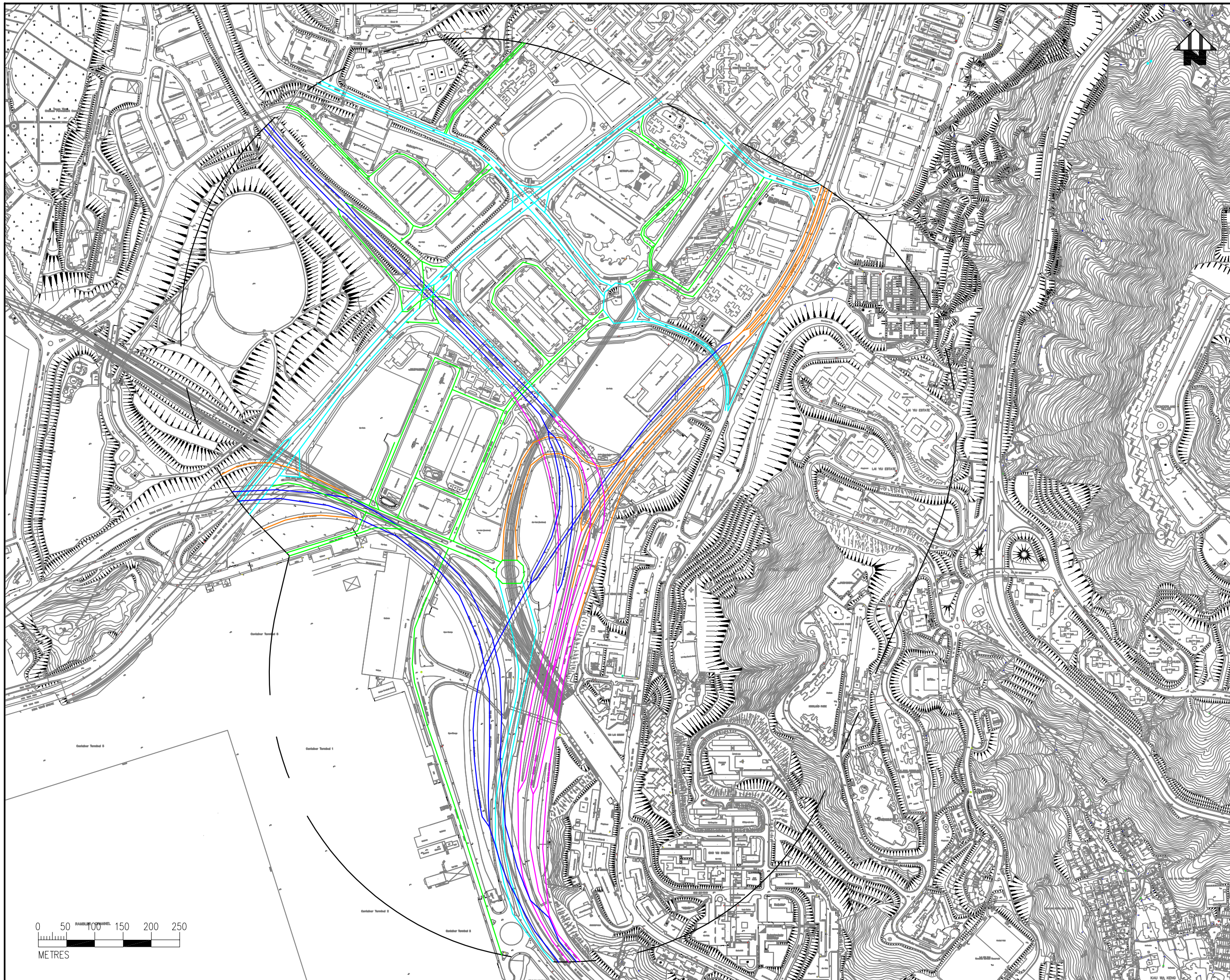
NOTES:
COORDINATES ARE RELATED TO
HONG KONG METRIC GRID(1980)

- LEGEND:
-  SITE BOUNDARY
 -  AIR SENSITIVE RECEIVER
 -  500M FROM SITE BOUNDARY



Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 覆核
 土木工程拓展署 Civil Engineering and Development Department				
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE				
AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION				
GRIDS OF PATH MODEL DATA WITHIN THE 500m STUDY AREA				
Drawing No. 圖則編號		FIGURE 3.5		
Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 覆核
Approved 批准	ICWR	Date 日期	03/15	Status 狀態
			AS SHOWN	FINAL





NOTE:
COORDINATES ARE RELATED
TO HONG KONG METRIC
GRID(1980)

LEGEND:

- 500M FROM SITE BOUNDARY
- EXPRESSWAY SECTION
- URBAN TRUNK ROAD
- URBAN PRIMARY DISTRIBUTOR
- URBAN DISTRICT DISTRIBUTOR
- URBAN LOCAL DISTRIBUTOR

Rev.	Date	Description	Drawn	Checked

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OFFICE
NEW TERRITORIES NORTH AND WEST
DEVELOPMENT OFFICE

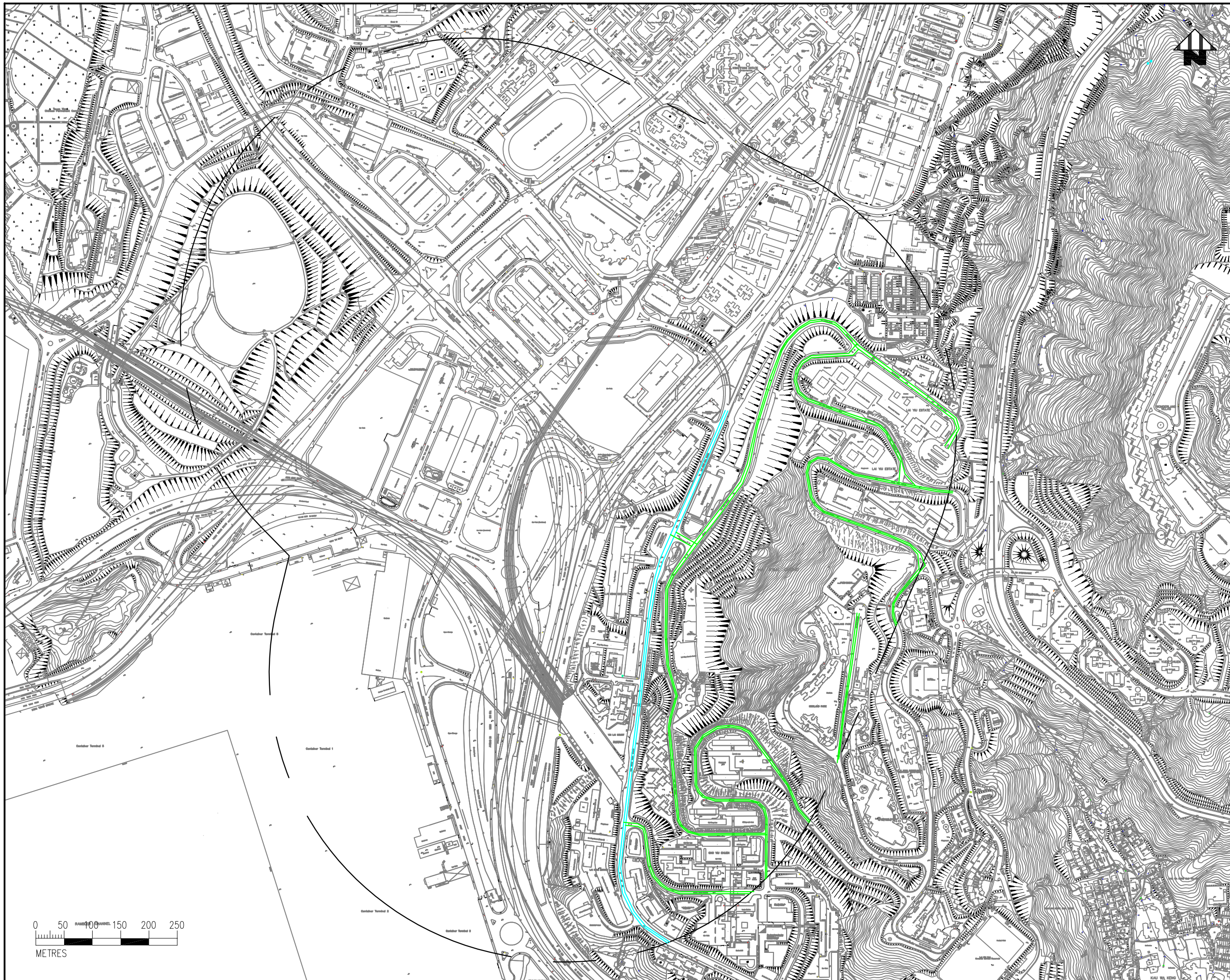
AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING
INTERCHANGE UPRAMP TO
KWAI CHUNG ROAD – INVESTIGATION

OPEN ROADS AT GROUND LEVEL

Drawing No.	Drawn	Checked	Scale
圖則編號	繪圖	校核	比例
Designed 設計 JLCM		Checked 校核 CYA	Scale 比例 AS SHOWN
Approved 批准 ICWR	Date 日期 03/15	Status 狀態 獲批	FINAL

FIGURE 3.6





NOTE:
COORDINATES ARE RELATED
TO HONG KONG METRIC
GRID(1980)

- LEGEND:
- 500M FROM SITE BOUNDARY
 - URBAN DISTRICT DISTRIBUTOR
 - URBAN LOCAL DISTRIBUTOR

Rev.	Date	Description	Drawn	Checked


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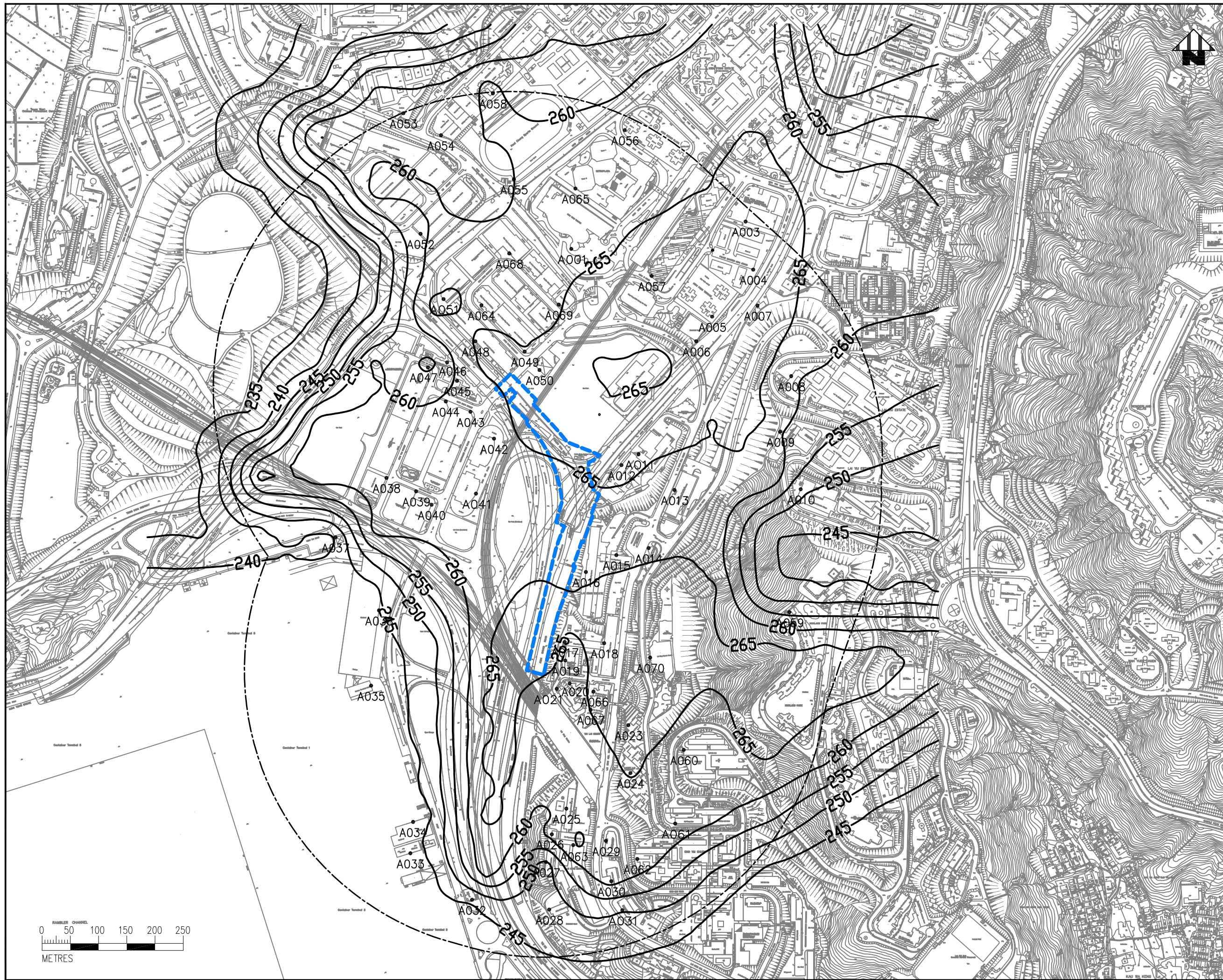
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

OPEN ROADS ON LAI KING HILL

Drawing No.	Drawn	Checked	Scale
圖則編號	繪圖	校核	比例
Designed JLCM	JLCM	CYA	AS SHOWN
Approved ICWR	ICWR	03/15	FINAL

FIGURE 3.7





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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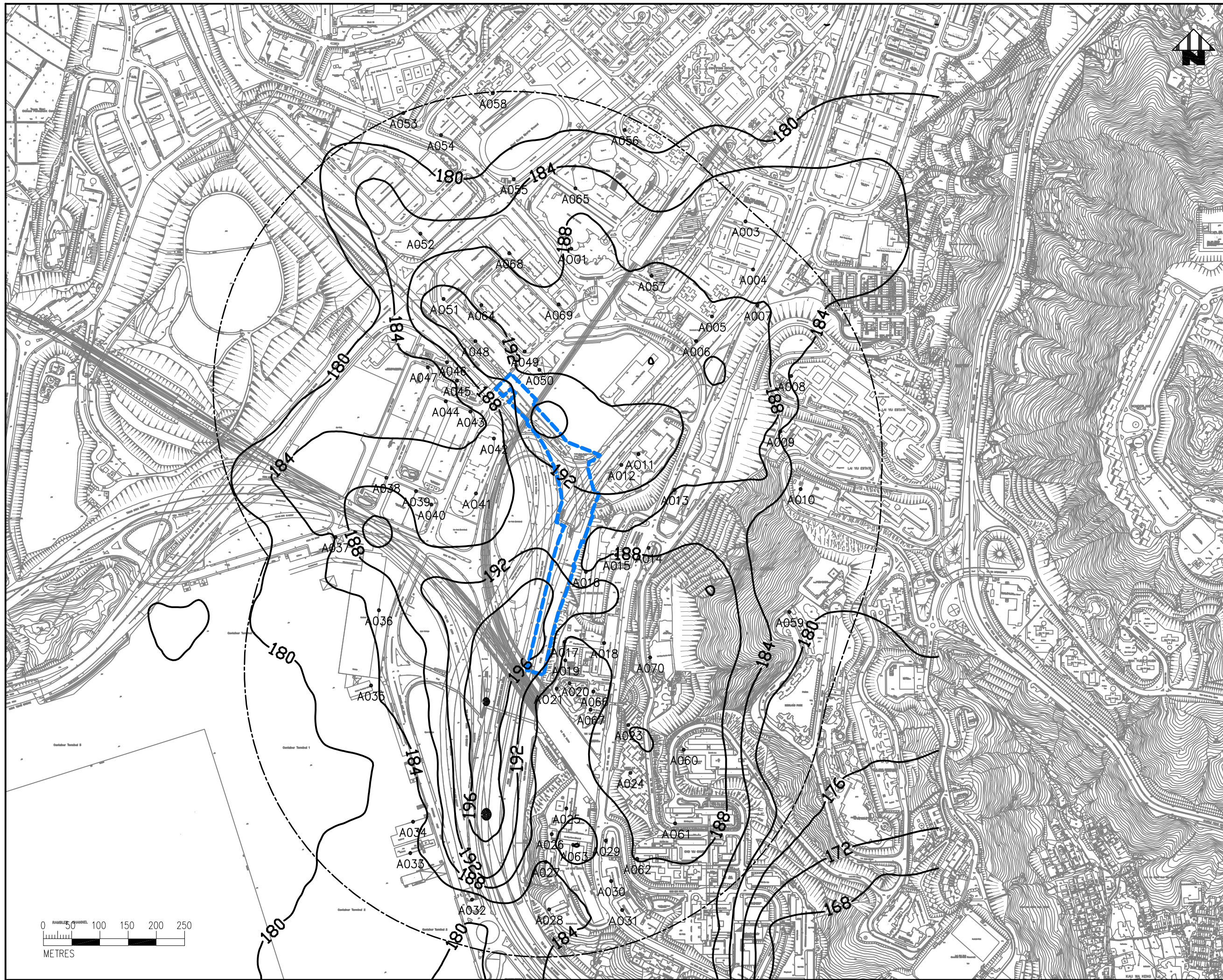
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE MAXIMUM HOURLY AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.8			
Design	JLCM	Checked	JLCM	CYA
Drawn	JLCM	Scale	1:1	AS SHOWN
Approved	ICWR	Date	03/15	Status
				FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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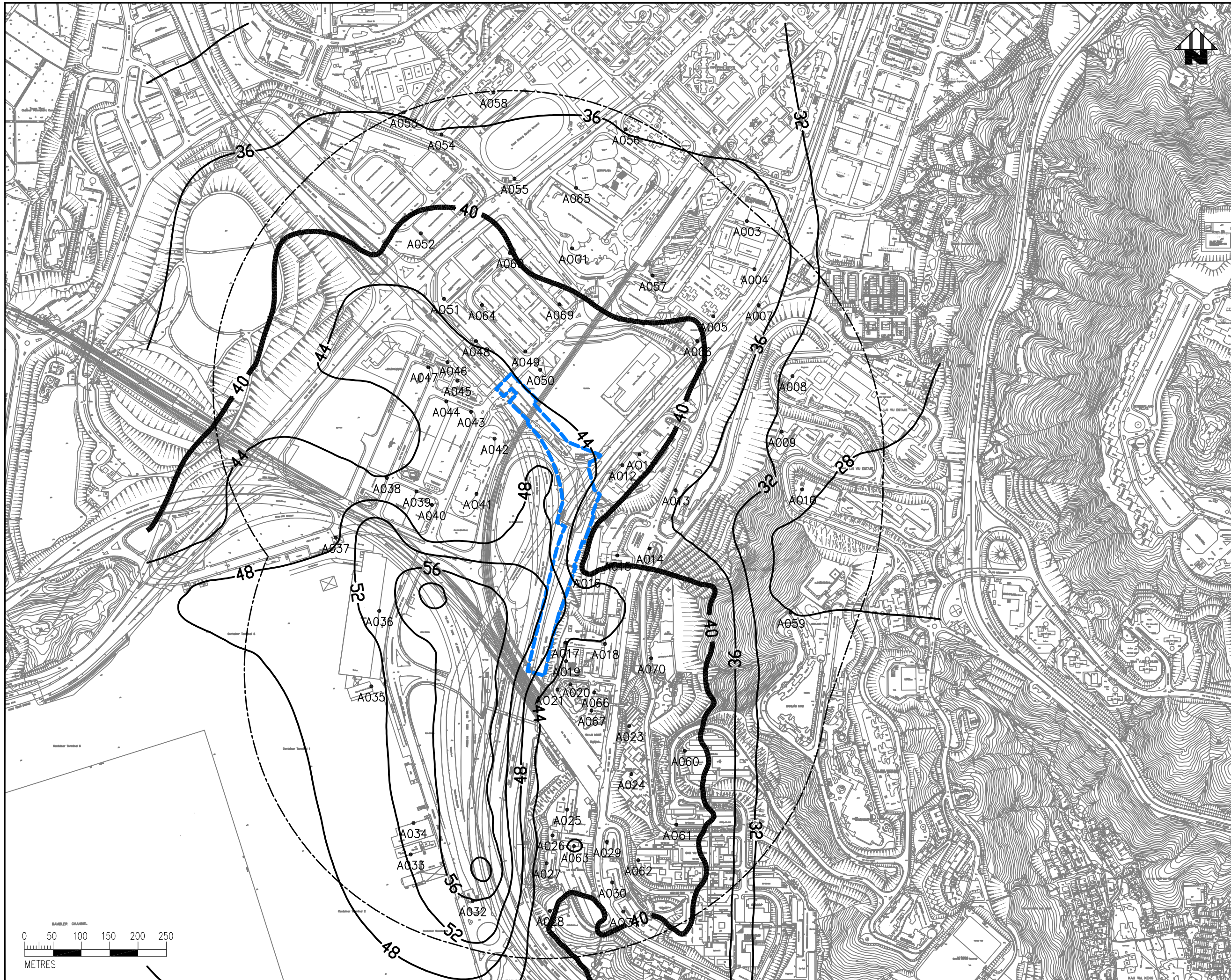
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 19TH HIGHEST HOURLY AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.9**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		



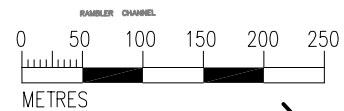


NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF NO_2 IS $40 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY



Rev.	Date	Description	Drawn	Checked

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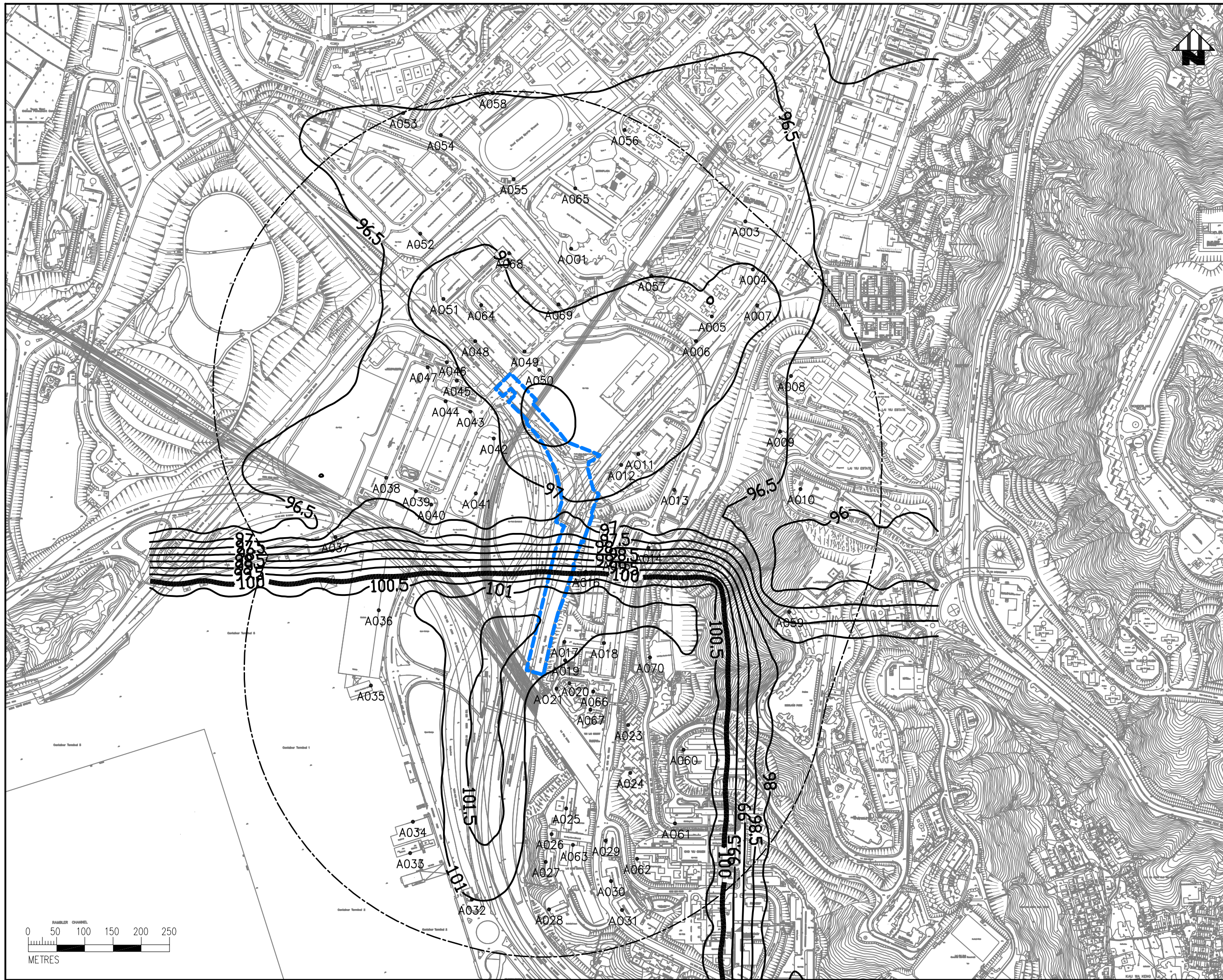
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE ANNUAL AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.10**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	ISSUE		FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF RSP IS $100 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

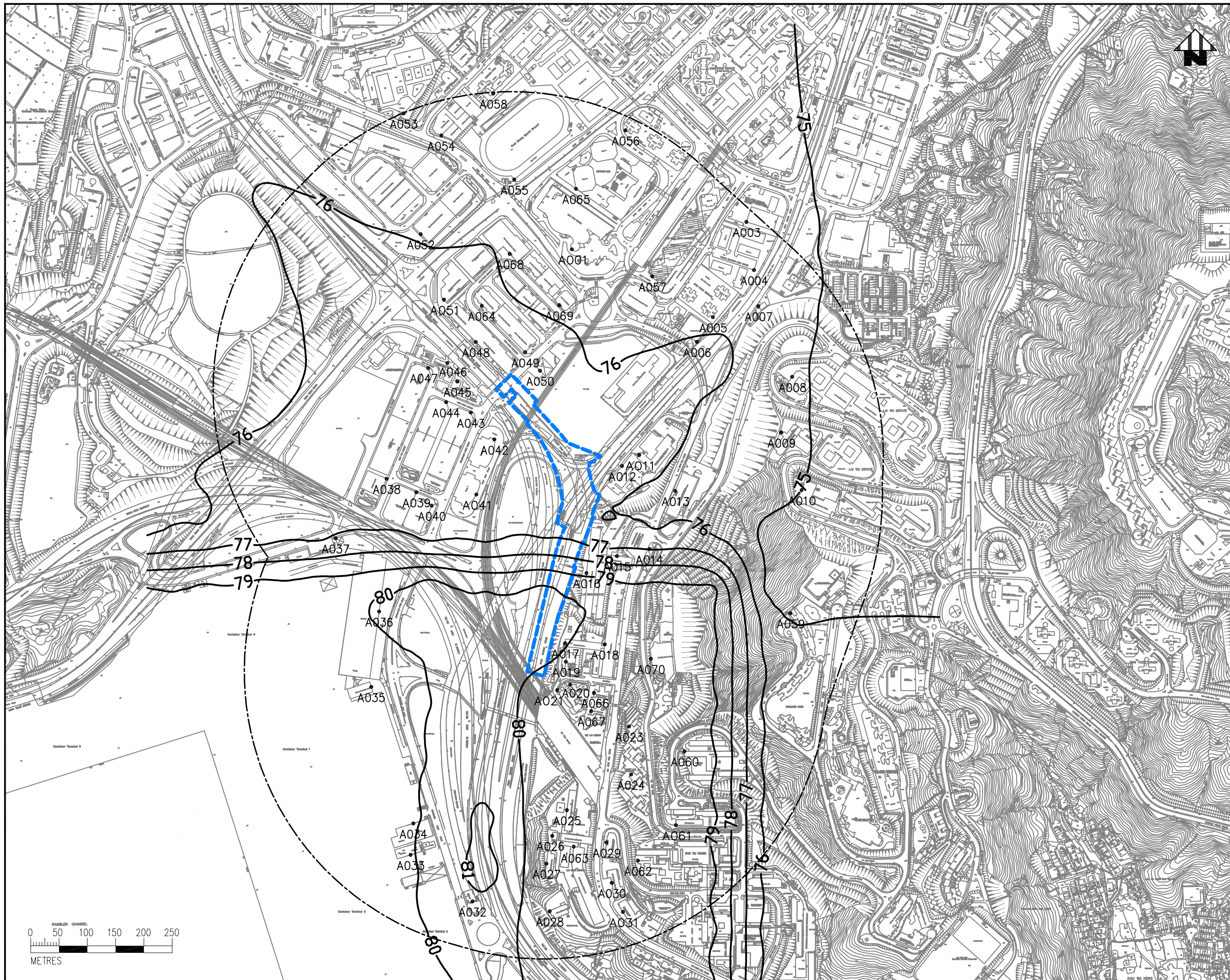
CONTOUR OF CUMULATIVE MAXIMUM DAILY AVERAGE RSP AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.11**

Designed	Drawn	Checked	Scale	Status
JLGM	JLGM	CYA	AS SHOWN	

Approved: ICWR Date: 03/15 Status: FINAL





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF RSP IS $100 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked


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 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 10TH HIGHEST DAILY AVERAGE RSP AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.12**

Designed	Drawn	Checked	Scale
JLCM	JLCM	CYA	AS SHOWN

Approved	Date	Status
ICWR	03/15	FINAL





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF RSP IS $50 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked


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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

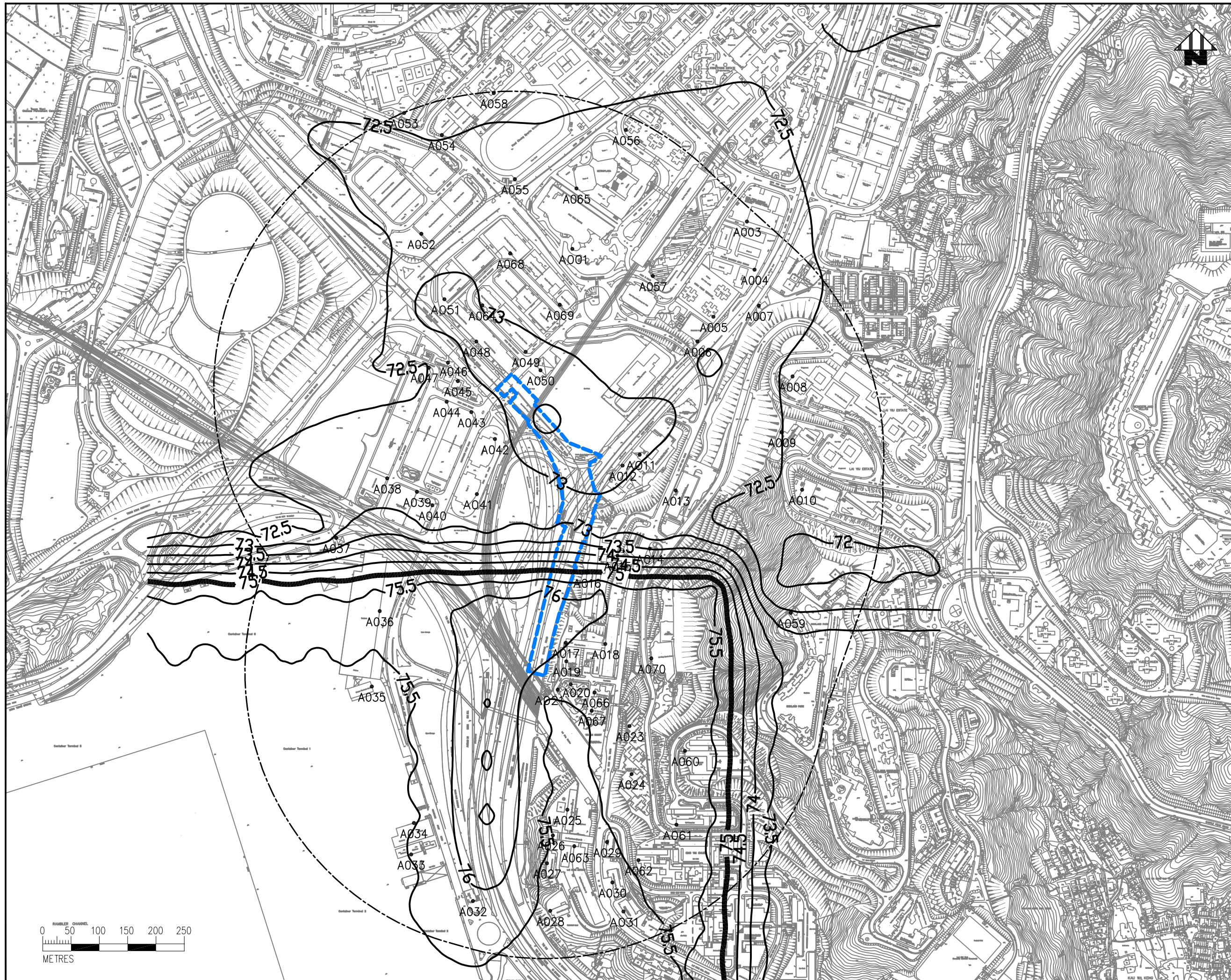
CONTOUR OF CUMULATIVE ANNUAL AVERAGE RSP AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.13**

Designed	Drawn	Checked	Scale	AS SHOWN
JLCM	JLCM	CYA	1:1	AS SHOWN

Approved	Date	Status
ICWR	03/15	FINAL





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked
土木工程拓展署 Civil Engineering and Development Department				
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE				
AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION				
CONTOUR OF CUMULATIVE MAXIMUM DAILY AVERAGE FSP AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)				
Drawing No.		FIGURE 3.14		
Designed	JLCM	Drawn	JLCM	Checked
Approved	ICWR	Date	03/15	Status
			AS SHOWN	FINAL





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- - - SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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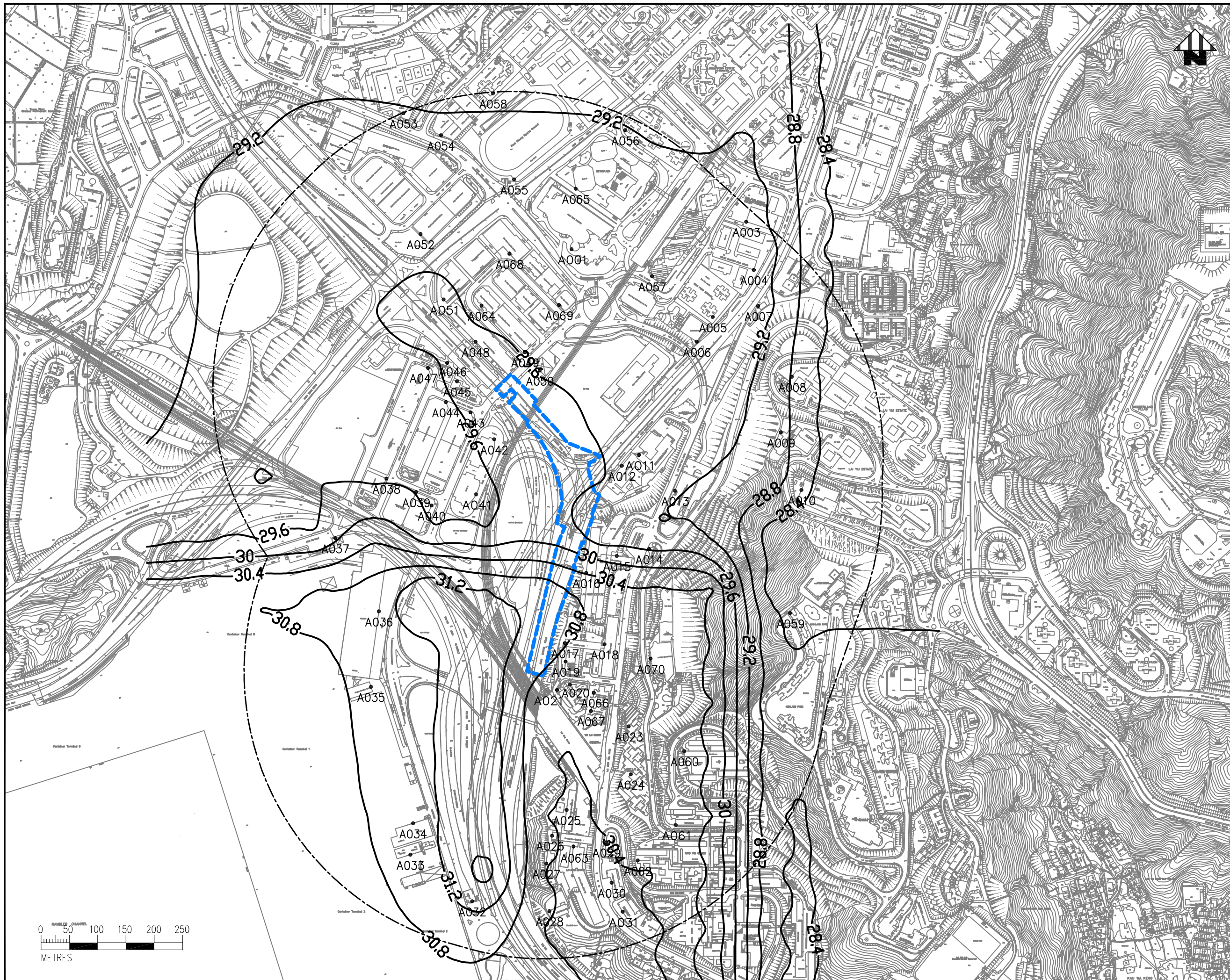
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 10TH HIGHEST DAILY AVERAGE FSP AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.15**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		



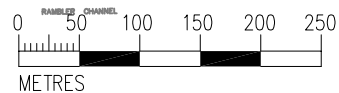


NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY



Rev.	Date	Description	Drawn	Checked


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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE ANNUAL AVERAGE FSP AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.16**

Designed	Drawn	Checked	Scale	Status	AS SHOWN
JLCM	JLCM	CYA	AS SHOWN		

Approved	Date	Status
ICWR	03/15	FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 19TH HIGHEST HOURLY AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2029)

Drawing No.	FIGURE 3.17			
設計	繪圖	校核	CYA	Scale AS SHOWN
批准	ICWR	日期	03/15	Status FINAL





NOTES:

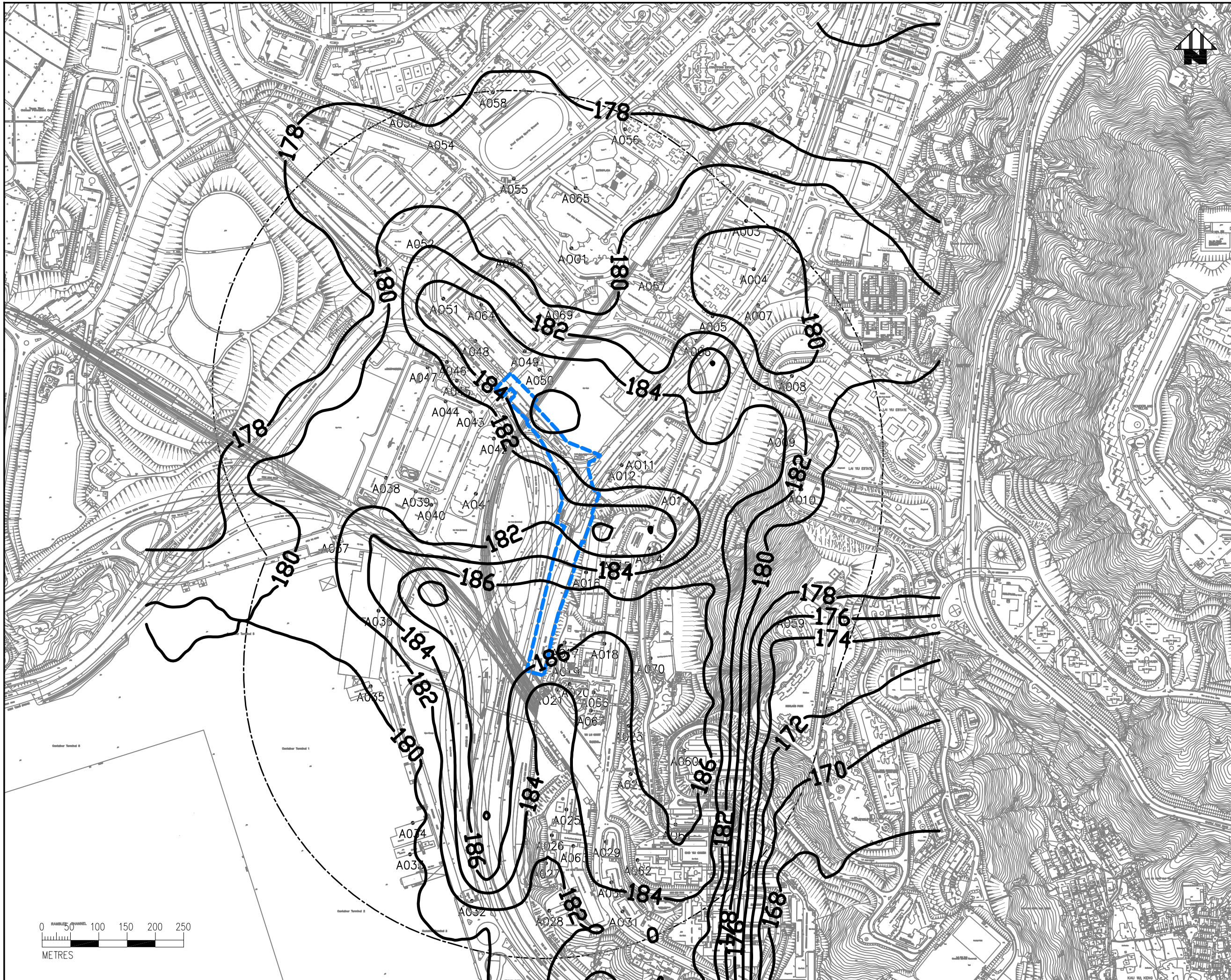
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF NO_2 IS $40 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked
土木工程拓展署 Civil Engineering and Development Department				
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE				
AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION				
CONTOUR OF CUMULATIVE ANNUAL AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2029)				
Drawing No. 圖則編號			FIGURE 3.18	
Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 校核
Approved 批准	ICWR	Date 日期	03/15	Status 狀態
				FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

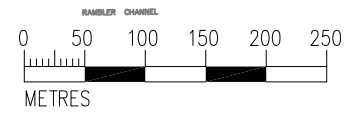
Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核
 土木工程拓展署 Civil Engineering and Development Department				
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE				
AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION				
CONTOUR OF CUMULATIVE 19TH HIGHEST HOURLY AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2036)				
Drawing No. 圖則編號		FIGURE 3.19		
Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 校核
Approved 校核	ICWR	Date 日期	03/15	Status 校核
				FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF NO_2 IS $40 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY



Rev.	Date	Description	Drawn	Checked

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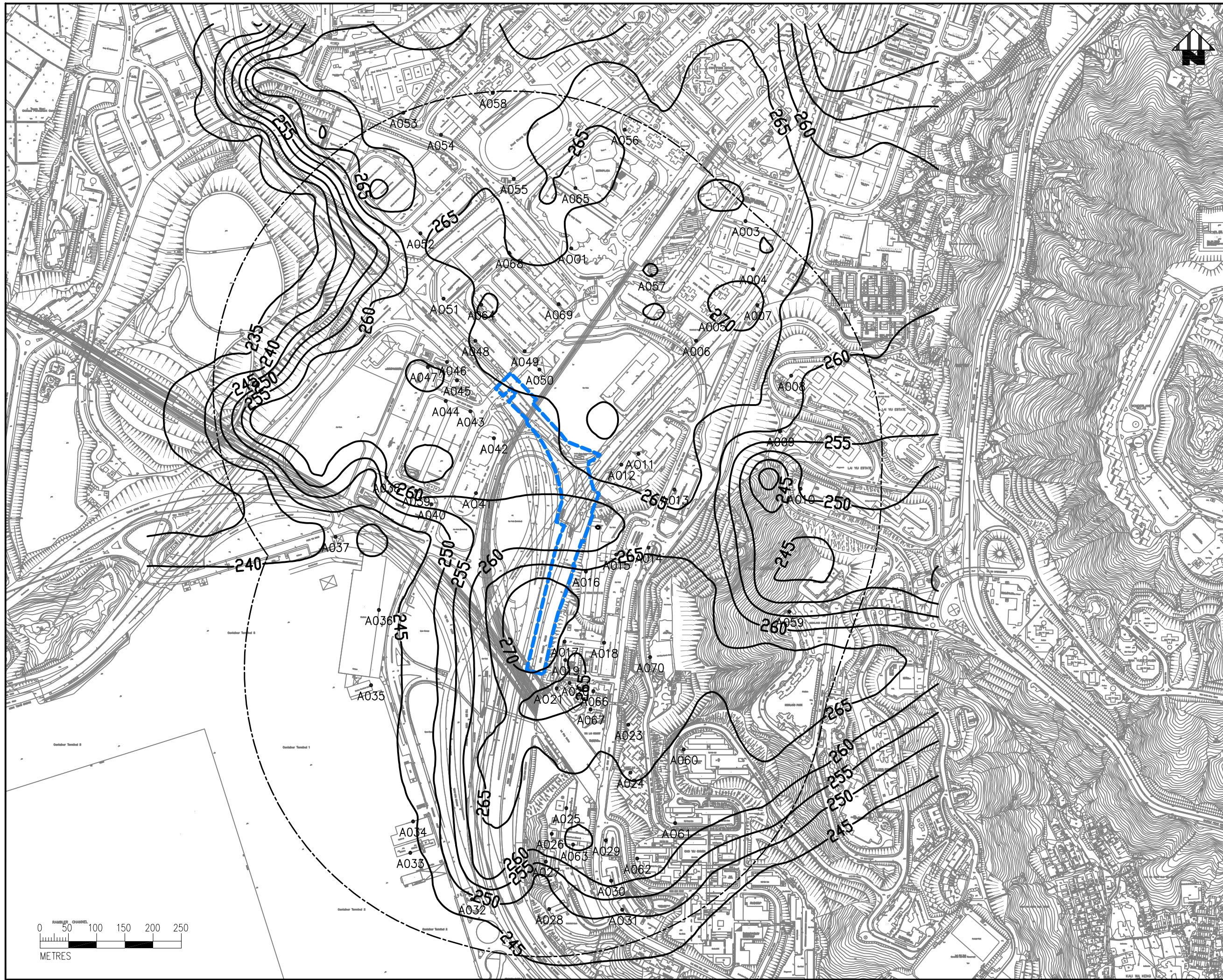
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE ANNUAL AVERAGE NO_2 AT 10m ABOVE GROUND (WITHOUT PROJECT SCENARIO IN YEAR 2036)

Drawing No. **FIGURE 3.20**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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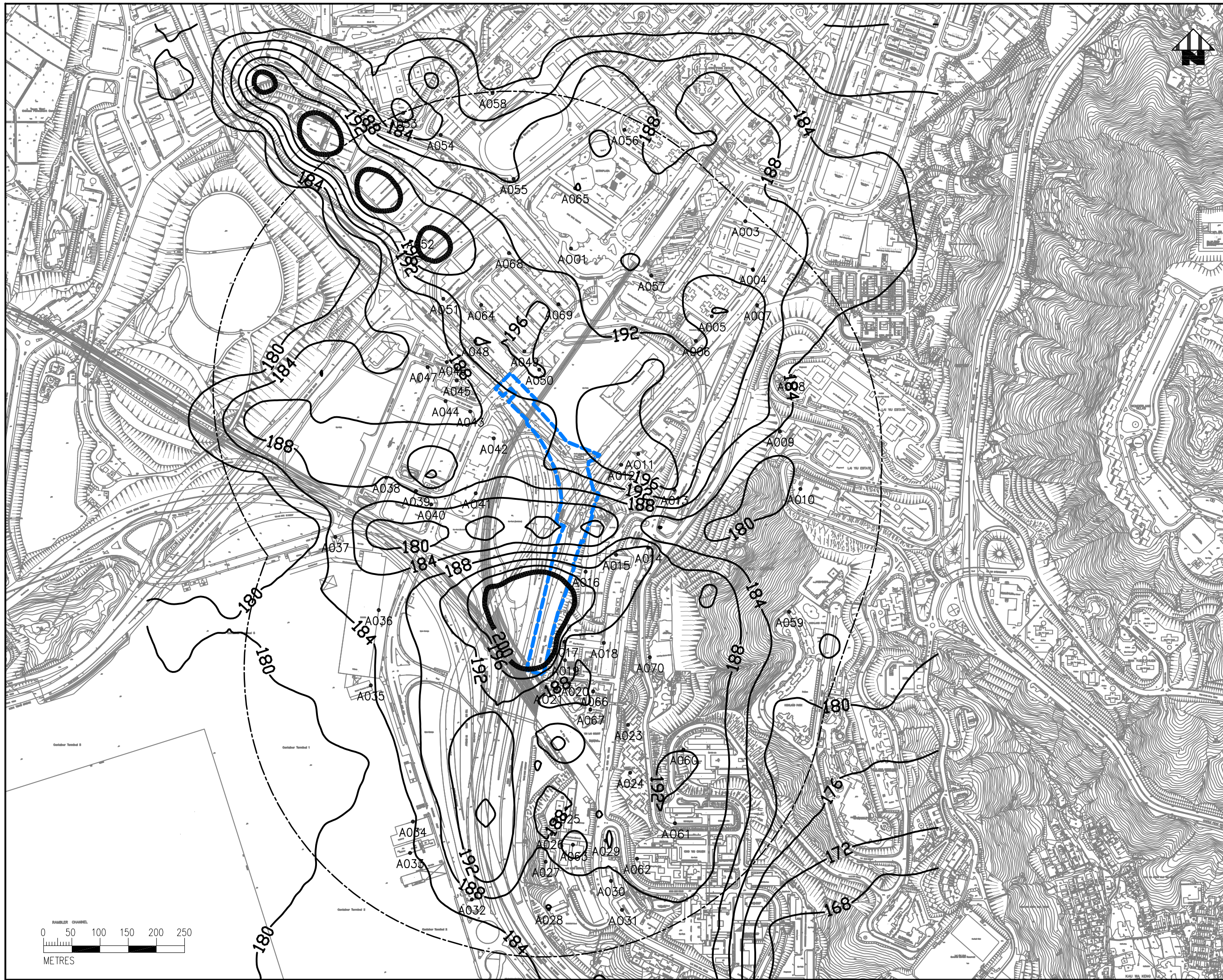
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE MAXIMUM HOURLY AVERAGE NO_2 AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.21**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

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CONTOUR OF CUMULATIVE 19TH HIGHEST HOURLY AVERAGE NO_2 AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.22**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		



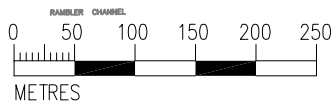


NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF NO_2 IS $40 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY



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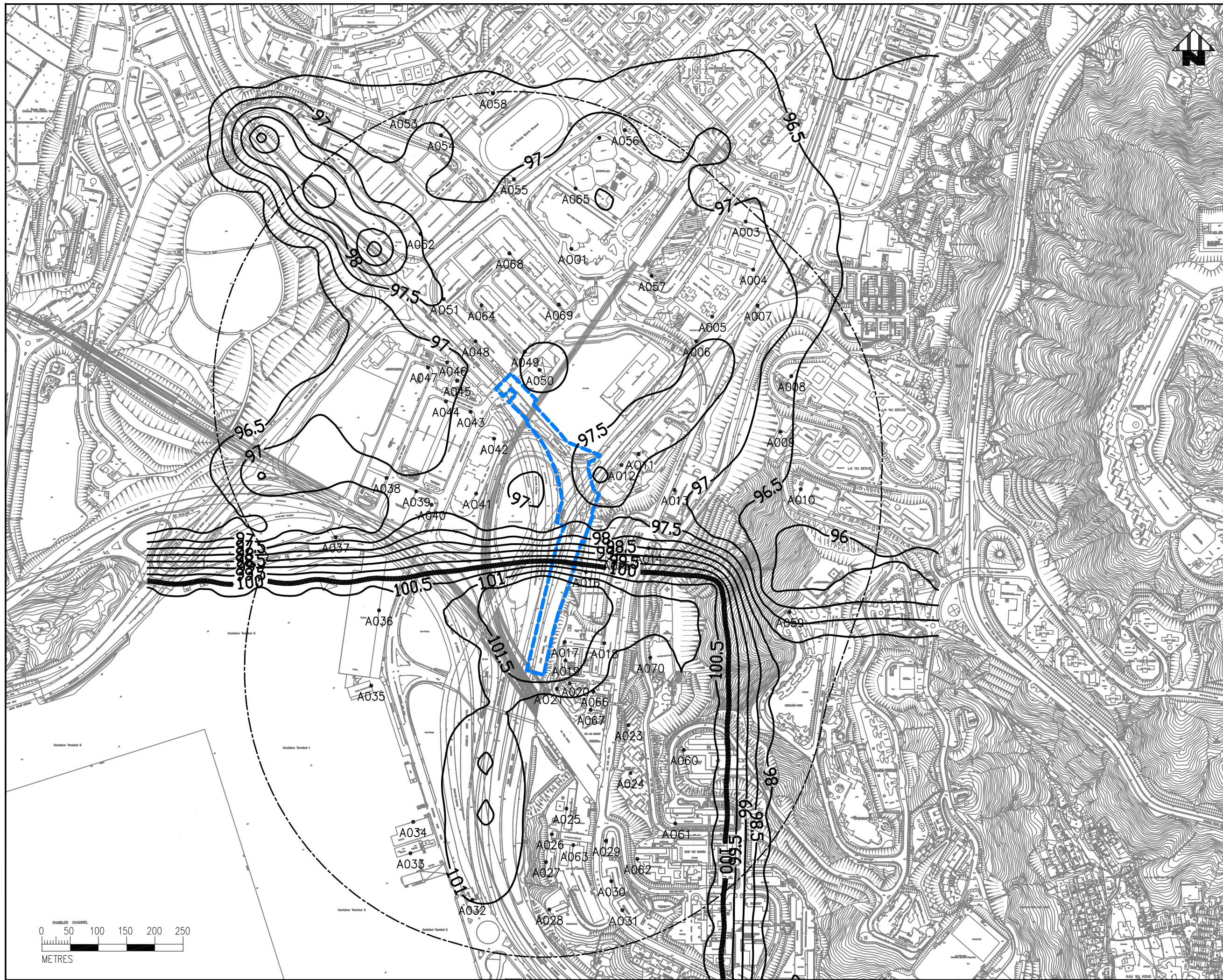
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE ANNUAL AVERAGE NO_2 AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.23**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF RSP IS $100 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

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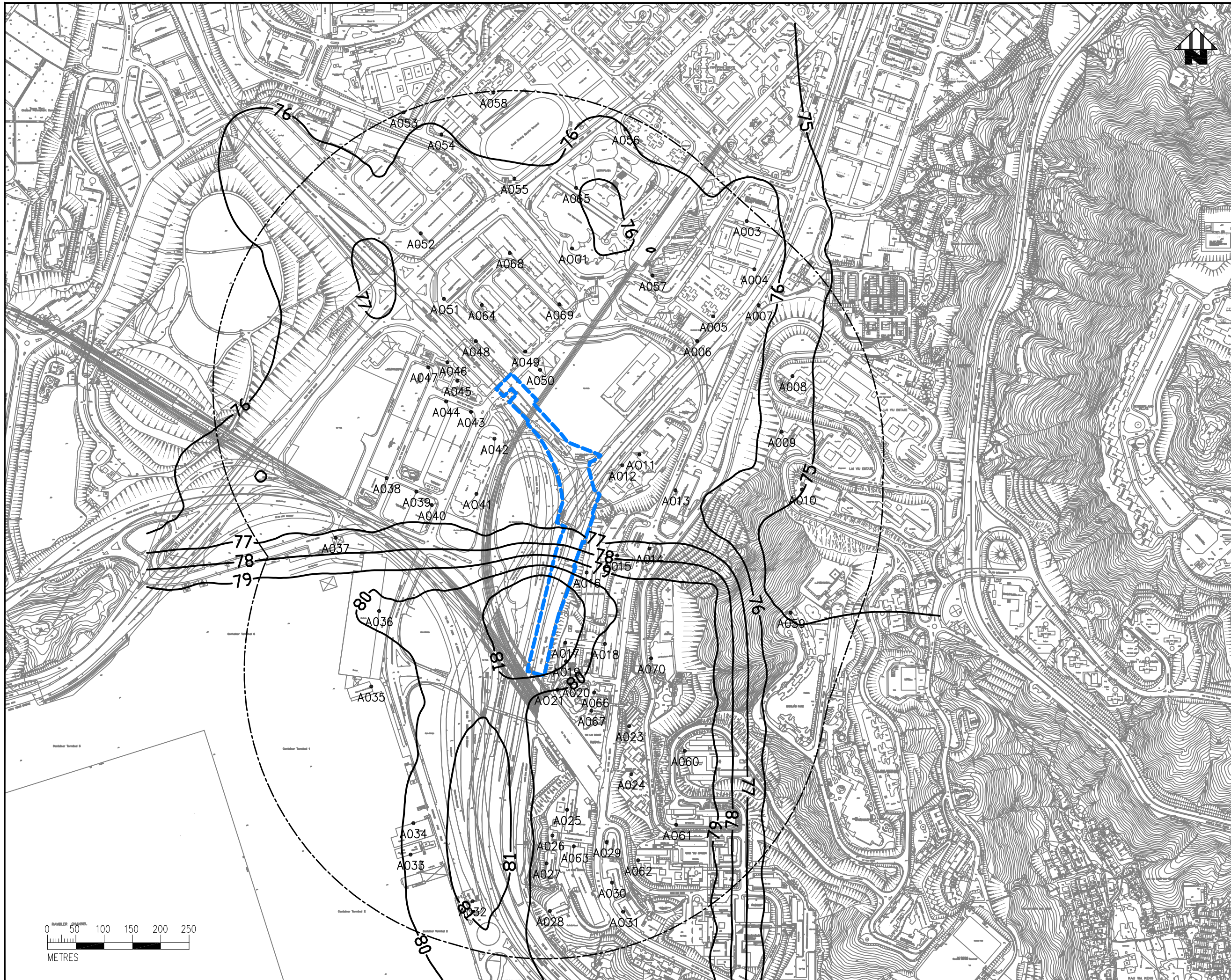
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE MAXIMUM DAILY AVERAGE RSP AT 1.5m ABOVE GROUND (WITH PROJECT SCENARI IN YEAR 2021)

Drawing No. **FIGURE 3.24**

Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF RSP IS $100 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 10TH HIGHEST DAILY AVERAGE RSP AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.25			
設計	繪圖	校核	日期	AS SHOWN
JLCM	JLCM	CYA	03/15	FINAL
批准	ICWR	日期	03/15	最終





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF RSP IS $50 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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CONTOUR OF CUMULATIVE ANNUAL AVERAGE RSP AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.26**

Designed	Drawn	Checked	Scale	Status	AS SHOWN
JLCM	JLCM	CYA	1:1	AS SHOWN	AS SHOWN

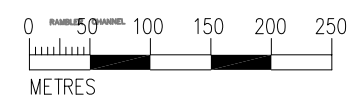
Approved: ICWR Date: 03/15 Status: FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY



Rev.	Date	Description	Drawn	Checked

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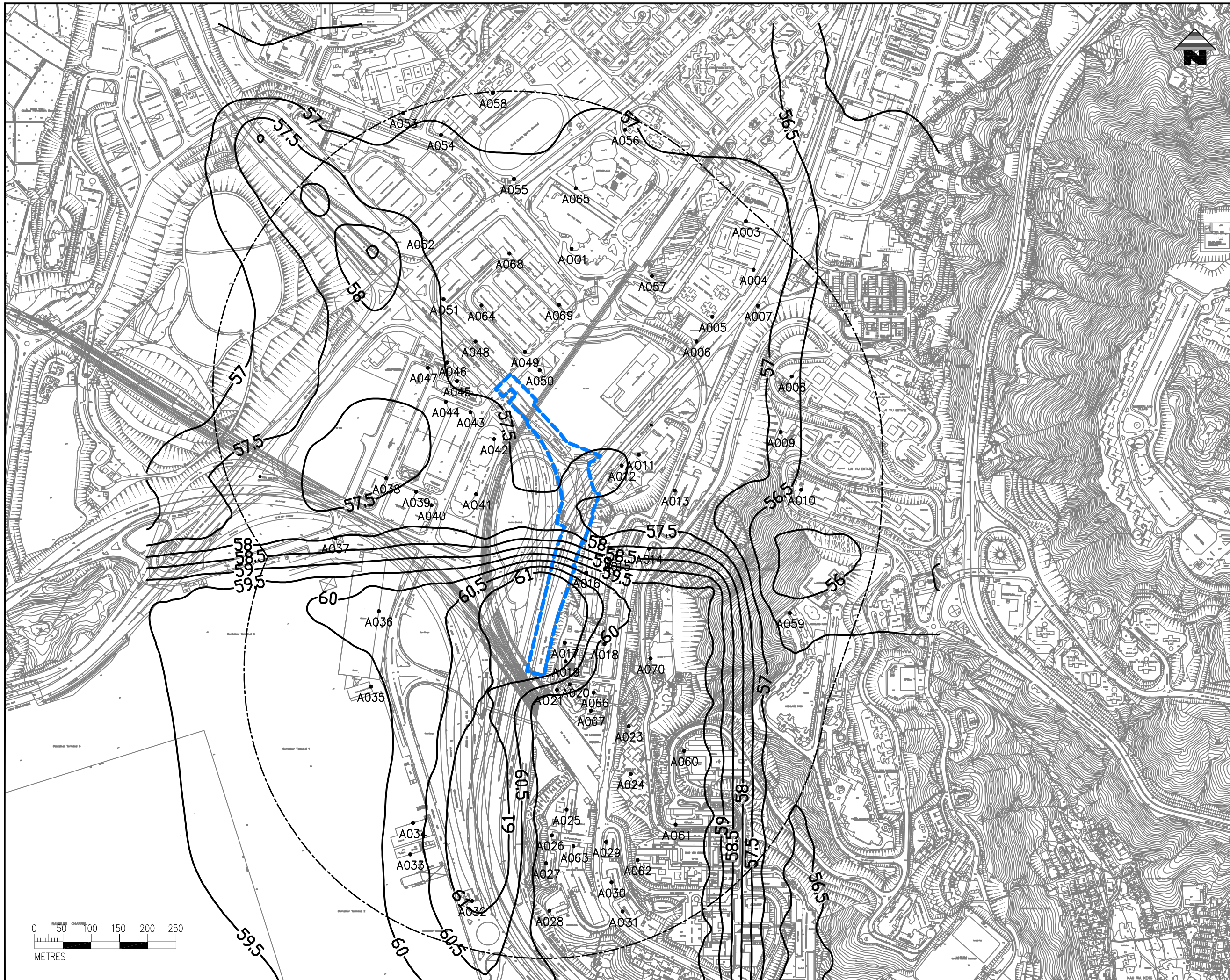
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE MAXIMUM DAILY AVERAGE FSP AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.27**

Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 校核	CYA	Scale 比例	AS SHOWN
Approved 批准	ICWR	Date 日期	03/15	Status 狀態	FINAL		





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10TH HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 10TH HIGHEST DAILY AVERAGE FSP AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.28			
Design No.	Drawn	Checked	Scale	AS SHOWN
設計	JLCM	JLCM	CYA	AS SHOWN
Approved	Date	Status		
批覆	ICWR	03/15	批覆	FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF FSP IS $35 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

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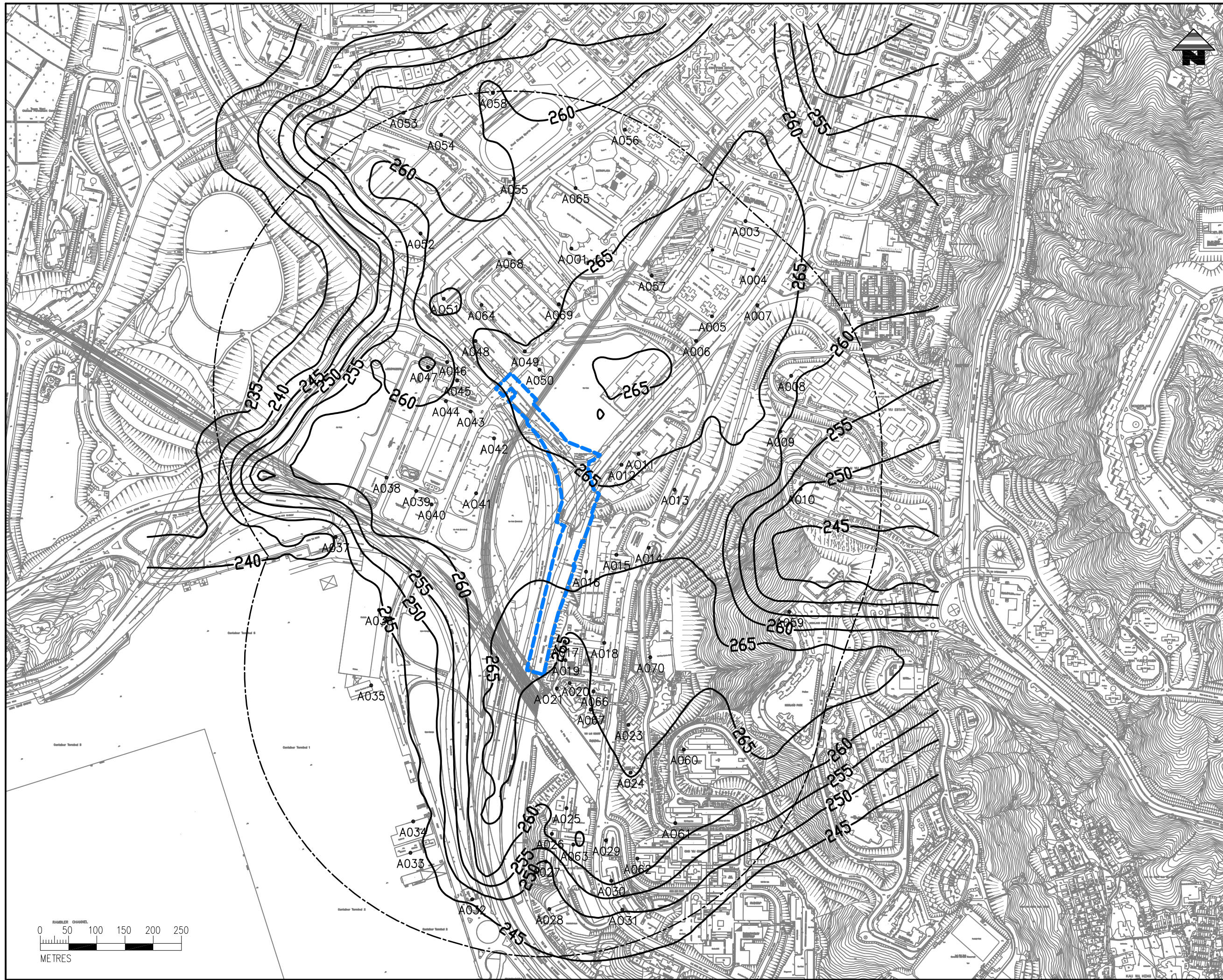
CONTOUR OF CUMULATIVE ANNUAL AVERAGE FSP AT 1.5m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.29**

Designed	Drawn	Checked	Scale	AS SHOWN
JLCM	JLCM	CYA	1:1	AS SHOWN

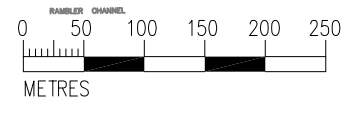
Approved	Date	Status
ICWR	03/15	FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR 19th HIGHEST HOURLY AVERAGE CONCENTRATION OF NO_2 IS $200 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
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Rev.	Date	Description	Drawn	Checked

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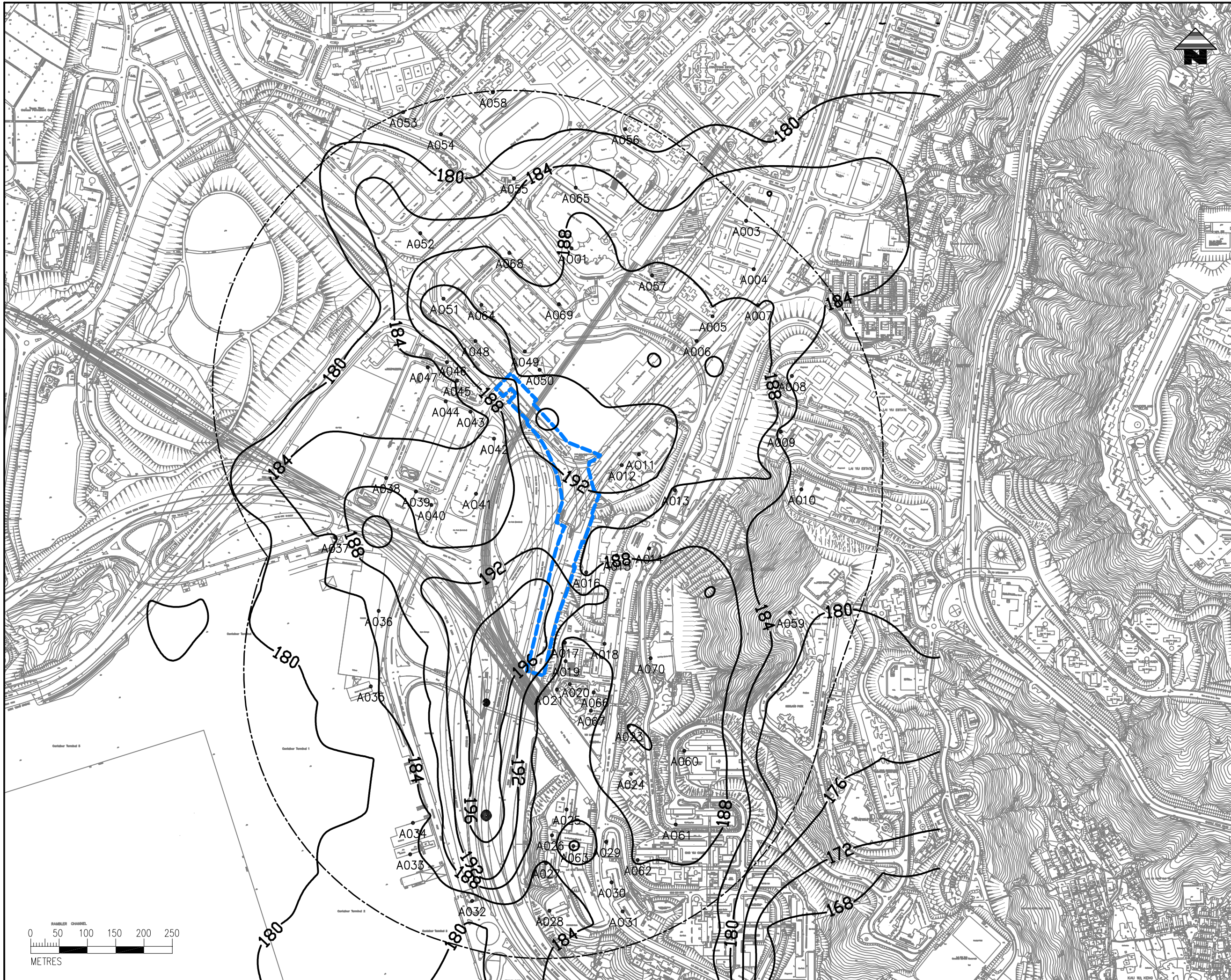
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE MAXIMUM HOURLY AVERAGE NO_2 AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.30**

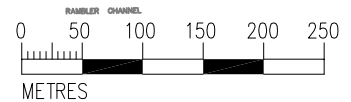
Designed	JLCM	Drawn	JLCM	Checked	CYA	Scale	AS SHOWN
Approved	ICWR	Date	03/15	Status	FINAL		





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
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 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY



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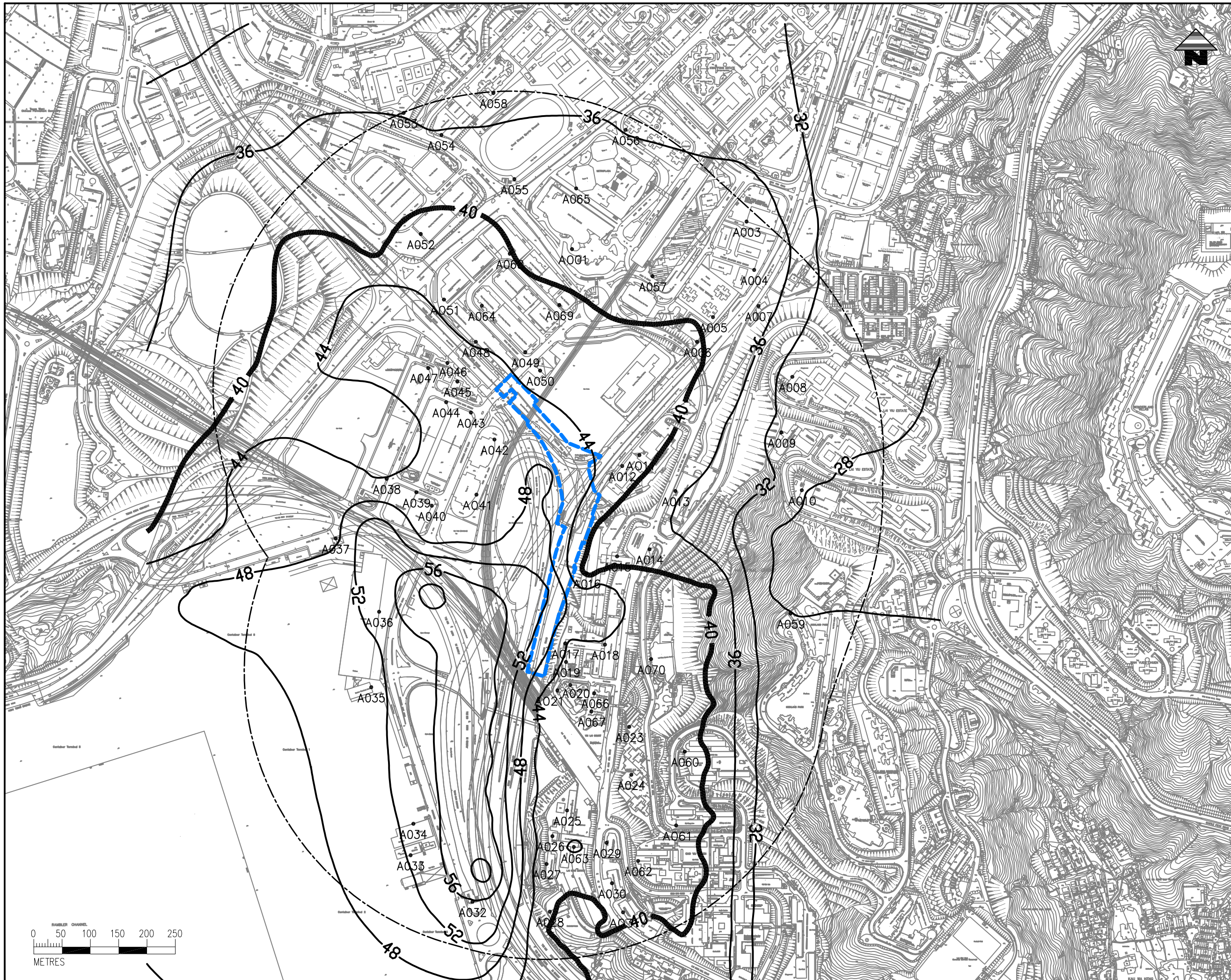
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 19th HIGHEST HOURLY AVERAGE NO_2 AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.31			
Design	JLCM	Checked	CYA	Scale
Drawn	JLCM	Checked	CYA	AS SHOWN
Approved	ICWR	Date	03/15	Status
批准	ICWR	日期	03/15	最終





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF NO_2 IS $40 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

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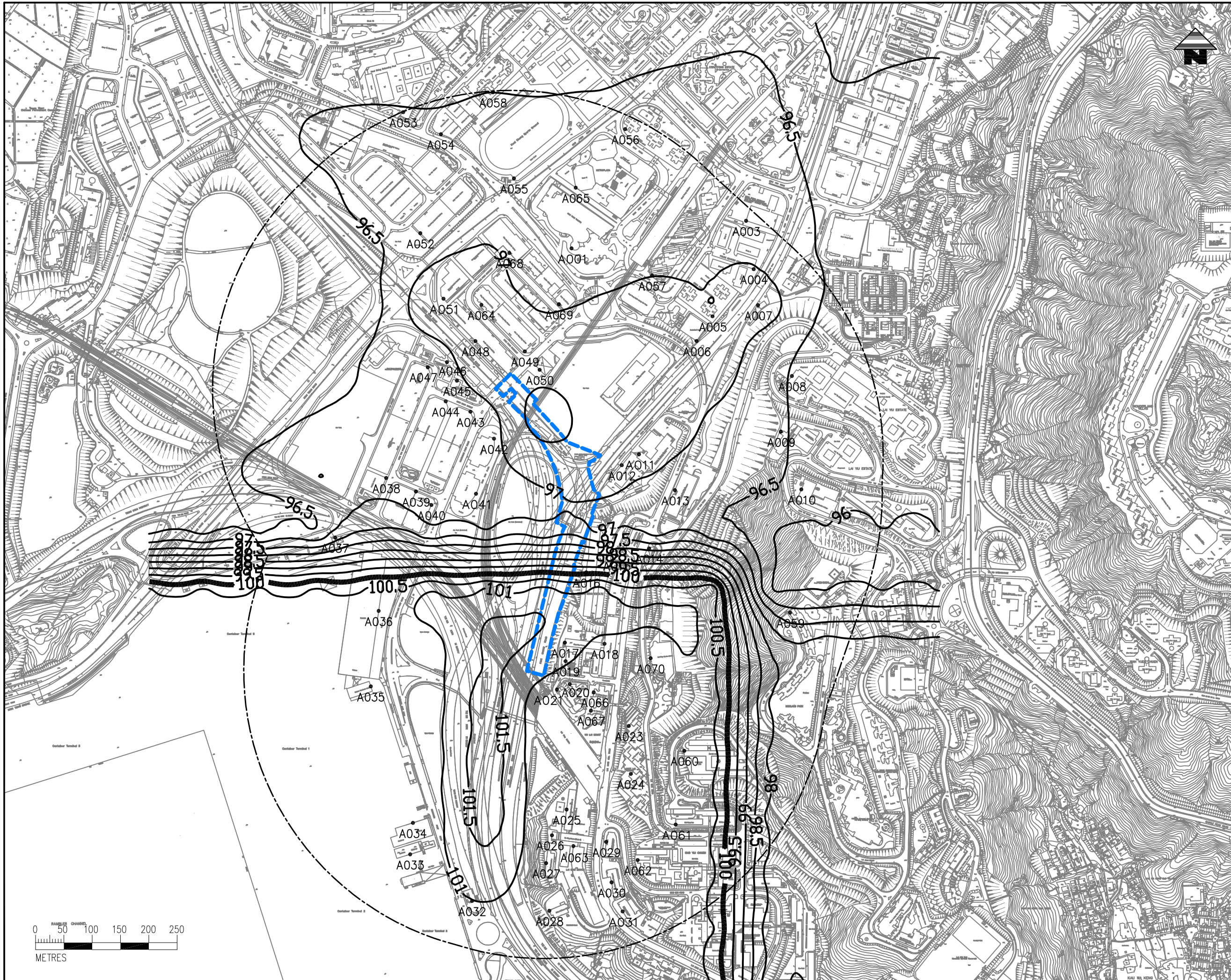
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE ANNUAL AVERAGE NO_2 AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.32			
Designed	Drawn	Checked	Scale	AS SHOWN
JLCM	JLCM	CYA	1:1000	AS SHOWN
Approved	Date	Status		
ICWR	03/15			FINAL





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF RSP IS $100 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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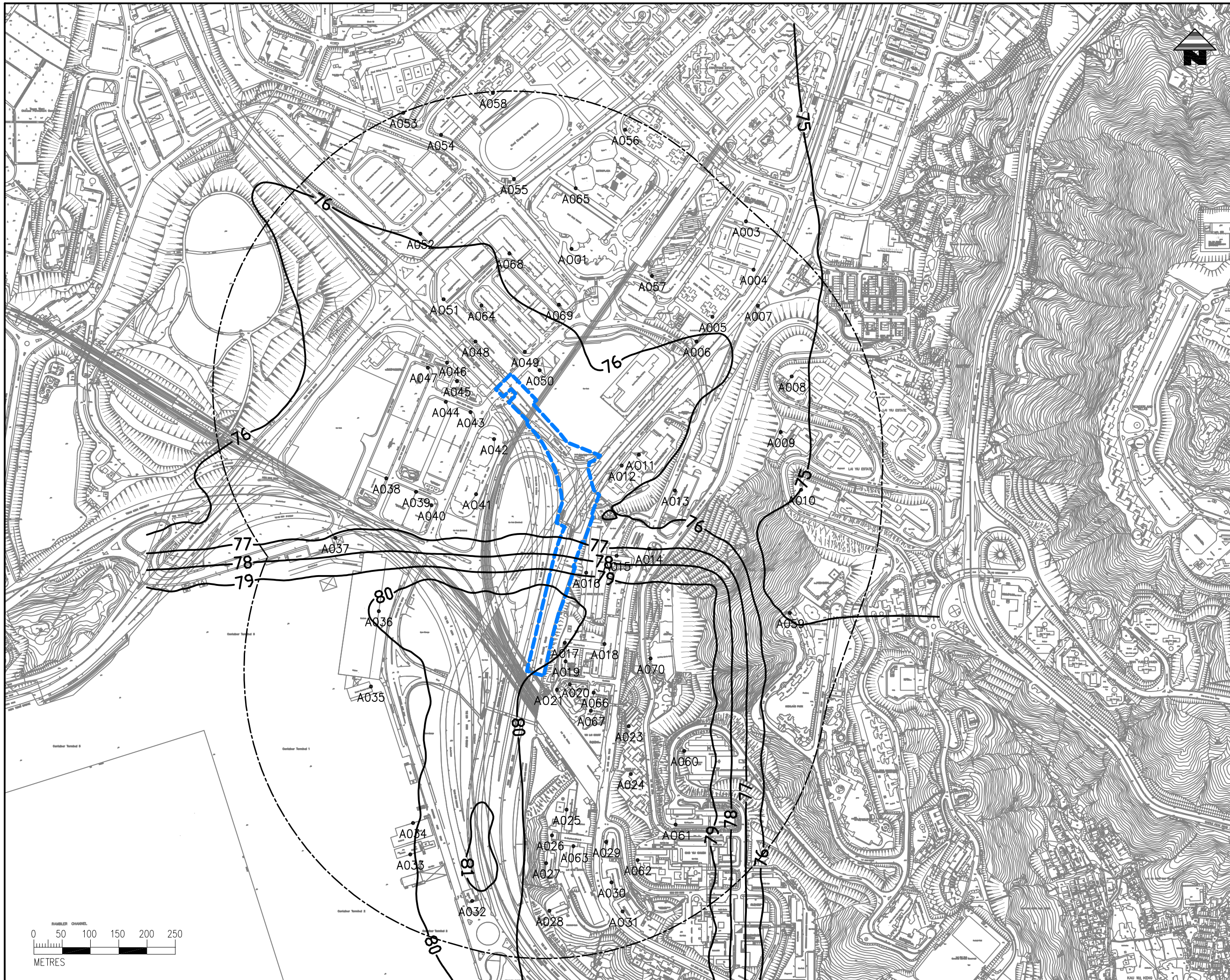
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE MAXIMUM DAILY AVERAGE RSP AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No. **FIGURE 3.33**

Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 校核	CYA	Scale 比例	AS SHOWN
Approved 批准	ICWR	Date 日期	03/15	Status 狀態	FINAL		





NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
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LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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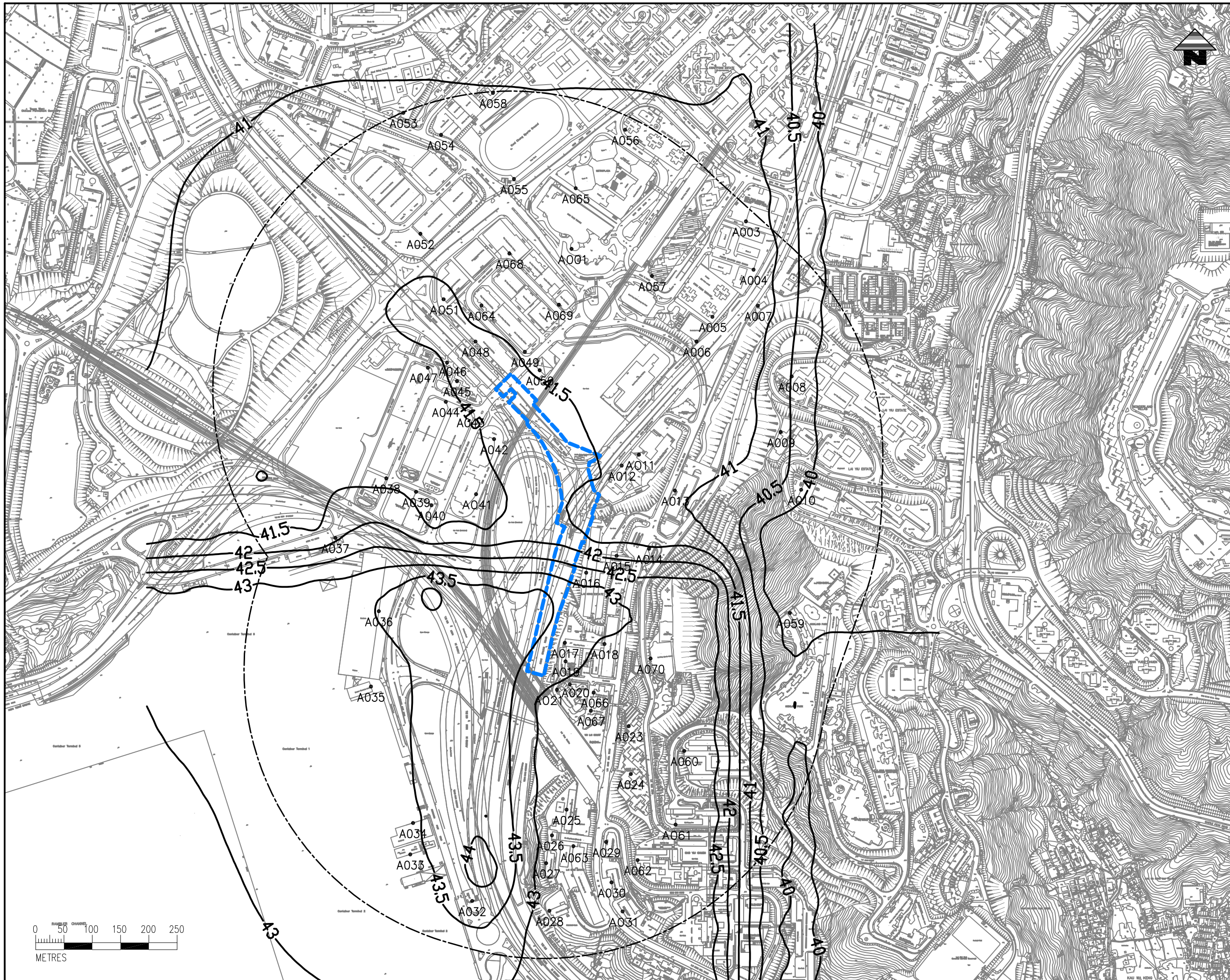
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 10TH HIGHEST DAILY AVERAGE RSP AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.34			
Designated	Drawn	Checked	Scale	AS SHOWN
設計	繪圖	校核	比例	AS SHOWN
Approved	Date	Status		
批准	日期	狀態		
	ICWR	03/15		FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF RSP IS $50 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked


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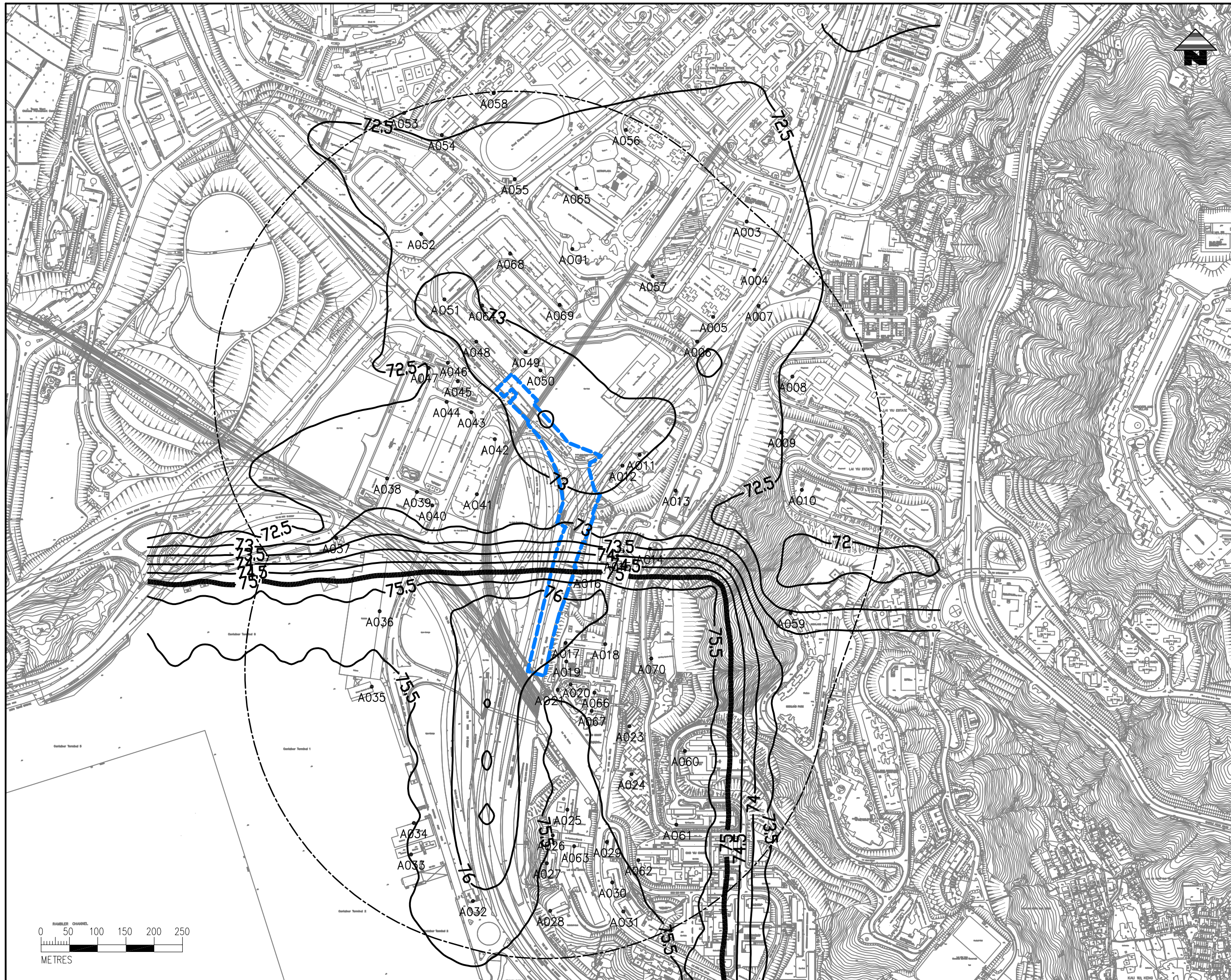
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE ANNUAL AVERAGE RSP AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.35			
設計	繪圖	校核	比例	AS SHOWN
JLCM	JLCM	CYA		
Approved	Date	Status		
ICWR	03/15			FINAL

AECOM



NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked
 土木工程拓展署 Civil Engineering and Development Department				
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE				
AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION				
CONTOUR OF CUMULATIVE MAXIMUM DAILY AVERAGE FSP AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)				
Drawing No. 圖則編號		FIGURE 3.36		
Designed 設計	JLCM	Drawn 繪圖	JLCM	Checked 校核
Approved 批准	ICWR	Date 日期	03/15	Status 狀態
			AS SHOWN	FINAL



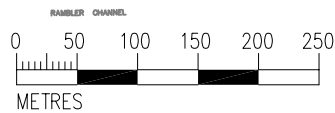


NOTES:

1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
3. THE AQO CRITERIA FOR 10th HIGHEST DAILY AVERAGE CONCENTRATION OF FSP IS $75 \mu\text{g}/\text{m}^3$
4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

LEGEND:

- SITE BOUNDARY
- AIR SENSITIVE RECEIVER
- - - 500m FROM SITE BOUNDARY



Rev.	Date	Description	Drawn	Checked

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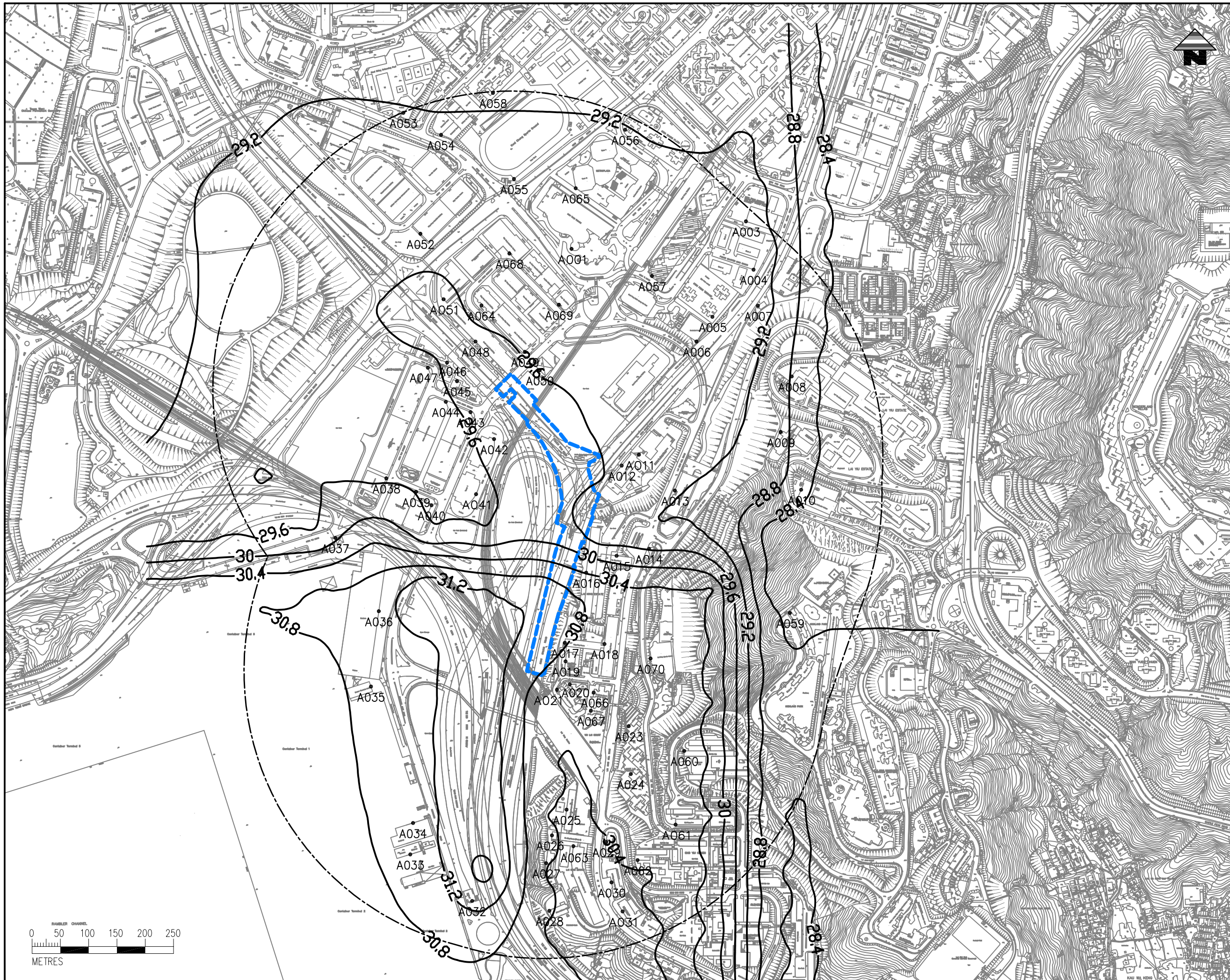
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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

CONTOUR OF CUMULATIVE 10TH HIGHEST DAILY AVERAGE FSP AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.37			
Designed	Drawn	Checked	Scale	AS SHOWN
JLCM	JLCM	CYA	1:1	
Approved	Date	Status		
ICWR	03/15			FINAL





- NOTES:
1. COORDINATES AREA RELATED TO HONG KONG METRIC GRID (1980)
 2. CONCENTRATION SHOWN IN THIS DRAWING IS IN $\mu\text{g}/\text{m}^3$
 3. THE AQO CRITERIA FOR ANNUAL AVERAGE CONCENTRATION OF FSP IS $35 \mu\text{g}/\text{m}^3$
 4. THE EXACT ASSESSMENT HEIGHTS OF EACH ASR CAN BE REFERRED TO CHAPTER 3 OF THE EIA MAIN TEXT.

- LEGEND:
- SITE BOUNDARY
 - AIR SENSITIVE RECEIVER
 - - - 500m FROM SITE BOUNDARY

Rev.	Date	Description	Drawn	Checked

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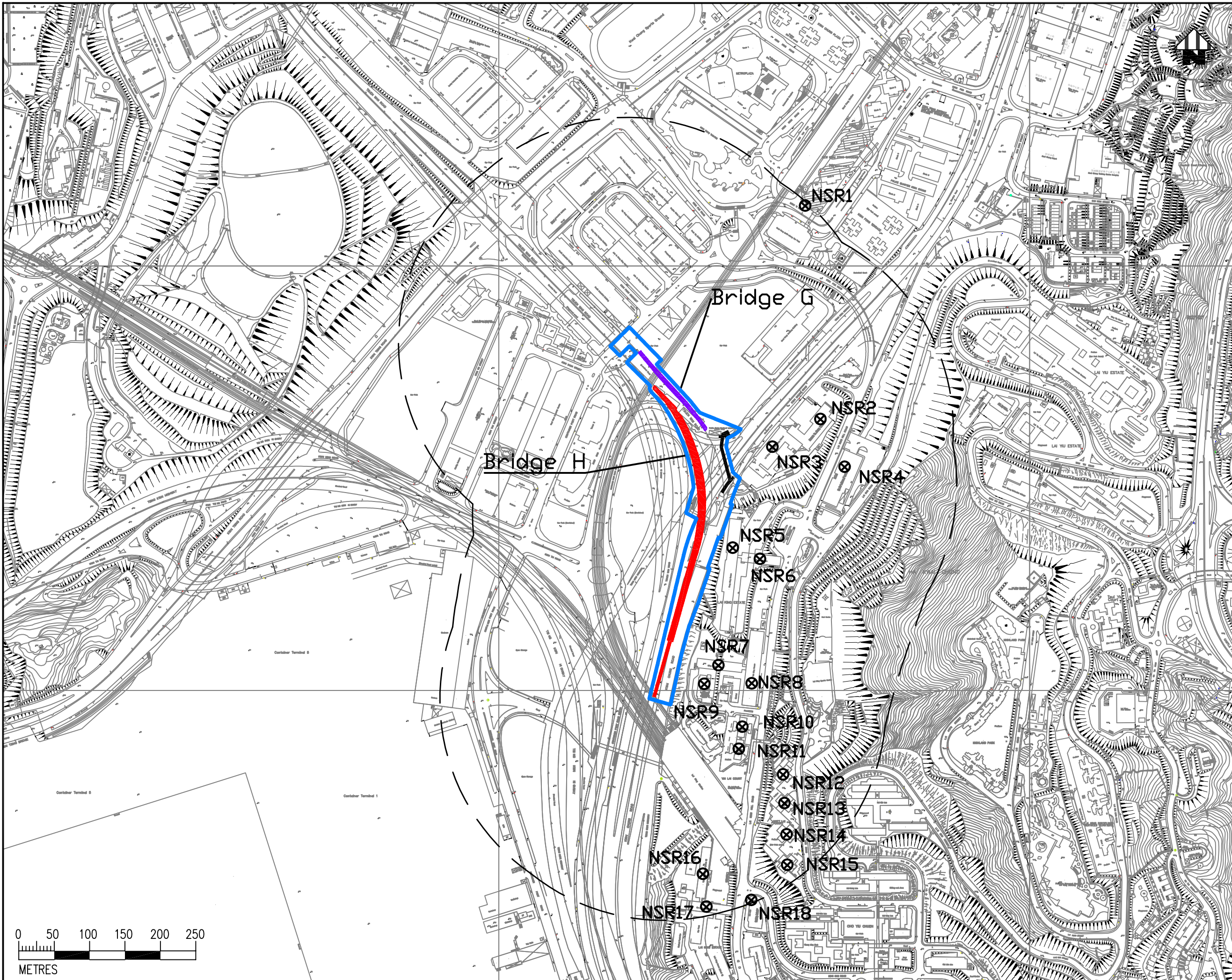
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

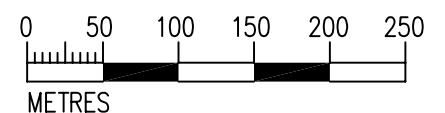
CONTOUR OF CUMULATIVE ANNUAL AVERAGE FSP AT 10m ABOVE GROUND (WITH PROJECT SCENARIO IN YEAR 2021)

Drawing No.	FIGURE 3.38			
設計	繪圖	校核	比例	AS SHOWN
JLCM	JLCM	CYA	1:1	AS SHOWN
批准	Date	Status		
ICWR	03/15			FINAL





- LEGEND:
- PROJECT BOUNDARY
 - - - 300M STUDY AREA FROM PROJECT BOUNDARY
 - PROPOSED VIADUCT (PROJECT ROAD/ DESIGNATED PROJECT UNDER ITEM A, PART 1 OF SCHEDULE 2 OF THE EIAO)
 - WIDENING OF BRIDGE DECK/ ABUTMENT (OTHER ROADS WITH MINOR MODIFICATION --- NOT CLASSIFIED AS A MATERIAL CHANGE)
 - PROPOSED REPROVISIONED FOOT BRIDGE
 - ⊗ LOCATIONS OF NOISE SENSITIVE RECEIVERS



Rev	Date	Description	Drawn	Checked

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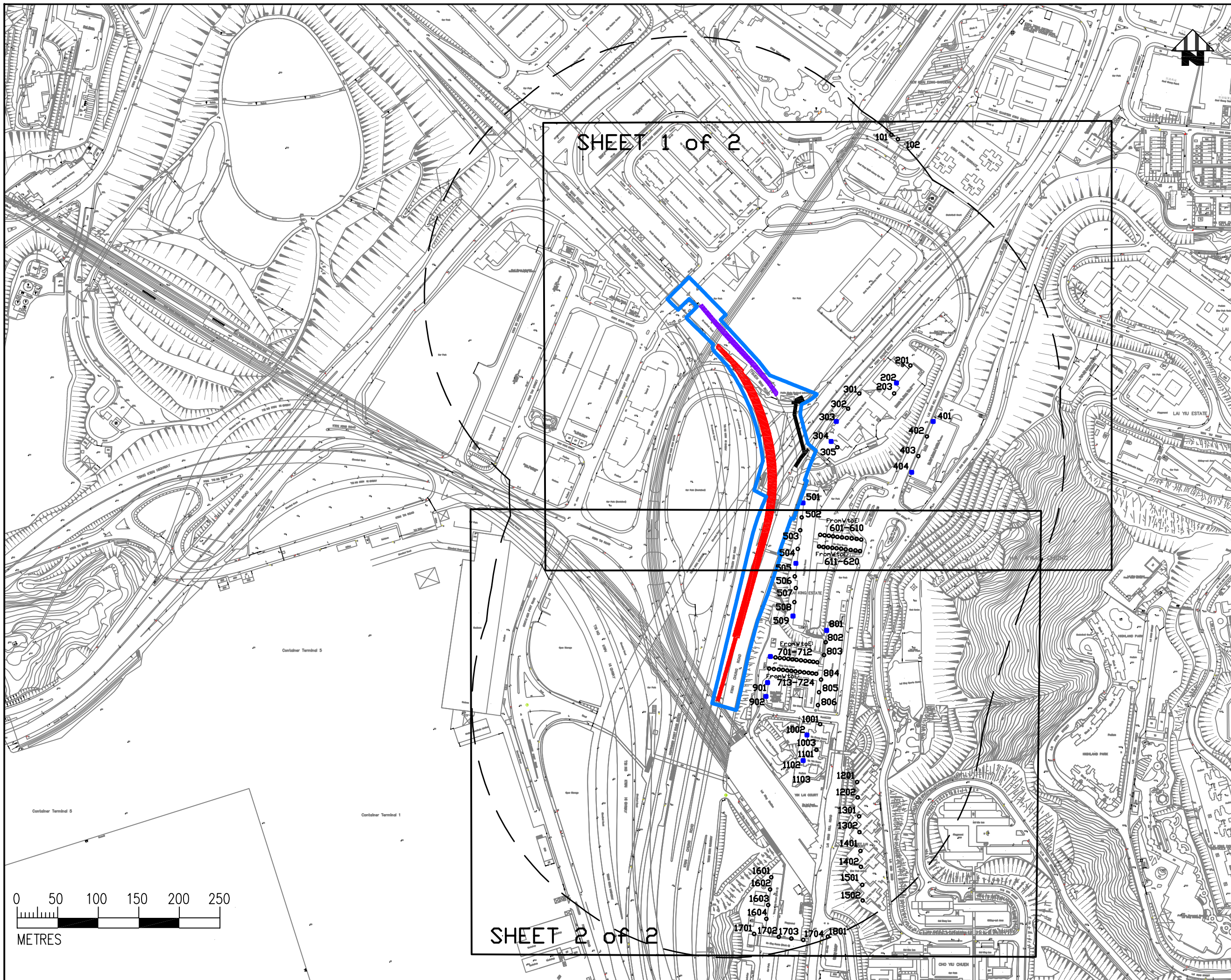
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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD - INVESTIGATION

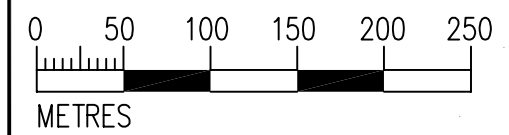
PROJECT BOUNDARY, 300M STUDY BOUNDARY, AND LOCATIONS OF NOISE SENSITIVE RECEIVERS

Drawing No.		FIGURE 4.1					
Design	SL	Drawn	SL	Checked	MSP	Scale	AS SHOWN
Approved		Date		Status			
		07/10		FINAL			





- LEGEND:
- PROJECT BOUNDARY
 - 300M STUDY AREA FROM PROJECT BOUNDARY
 - PROPOSED VIADUCT
 - PROPOSED WIDENING OF BRIDGE DECK/ABUTMENT
 - PROPOSED REPROVISIONED FOOT BRIDGE
 - LOCATIONS OF NOISE ASSESSMENT POINTS (OPERATION PHASE ONLY)
 - LOCATIONS OF NOISE ASSESSMENT POINTS (CONSTRUCTION AND OPERATION PHASES)
- From W to E: From West to East



Rev	Date	Description	Drawn	Checked

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 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

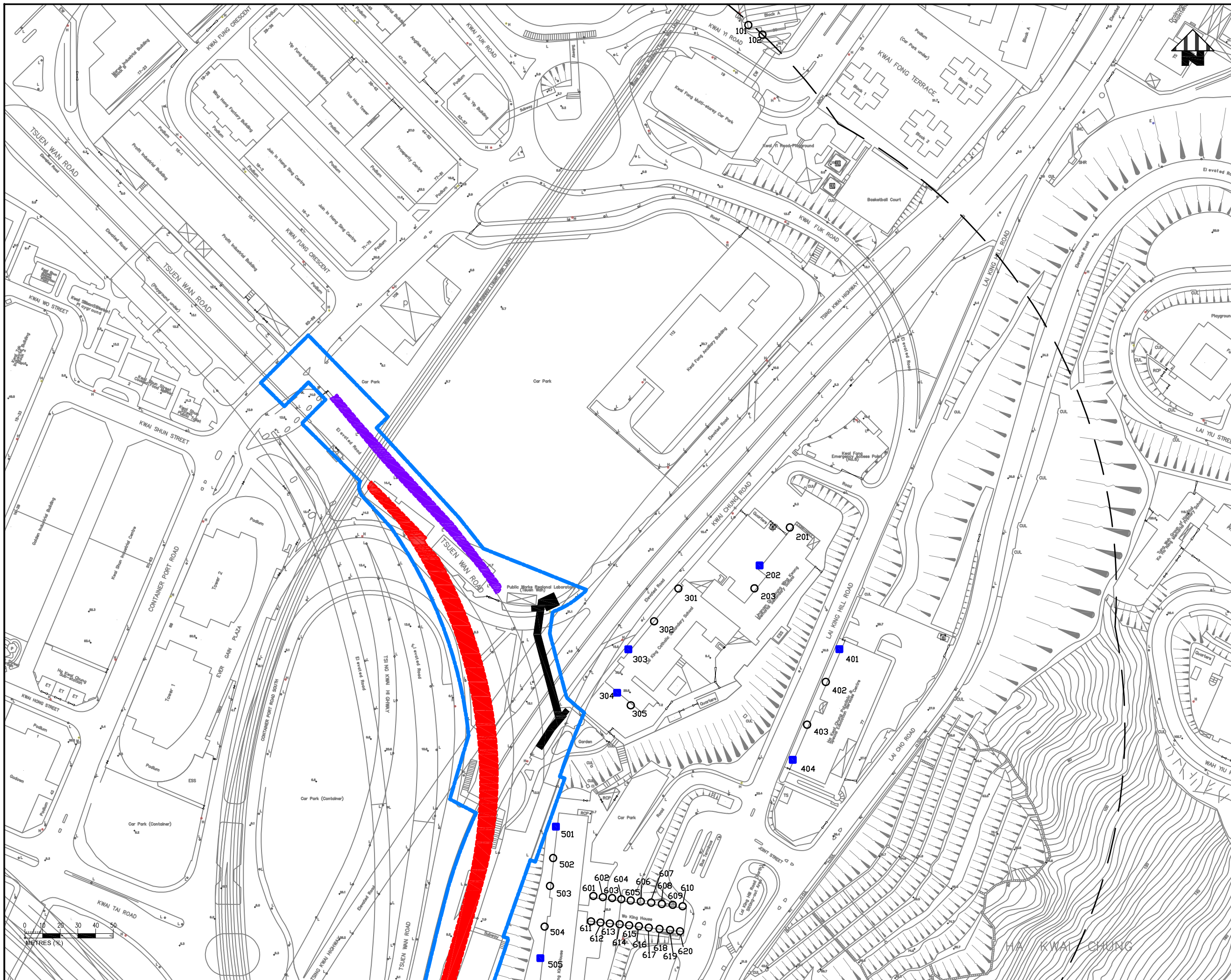
LOCATIONS OF ASSESSMENT POINTS OF EACH NSR (KEY PLAN)

Drawing No. **FIGURE 4.2**

Design	Drawn	Checked	Scale	AS SHOWN
SL	SL	MSP	1:1	AS SHOWN

Approved: ICWR Date: 07/14 Status: FINAL





- LEGEND:**
- PROJECT BOUNDARY
 - 300M STUDY AREA FROM PROJECT BOUNDARY
 - PROPOSED VIADUCT
 - PROPOSED WIDENING OF BRIDGE DECK/ABUTMENT
 - PROPOSED REPROVISIONED FOOT BRIDGE
 - LOCATIONS OF NOISE ASSESSMENT POINTS (OPERATION PHASE ONLY)
 - LOCATIONS OF NOISE ASSESSMENT POINTS (CONSTRUCTION AND OPERATION PHASES)

Rev	Date	Description	Drawn	Checked
01	07/14	Initial Issue	ICWR	AS SHOWN

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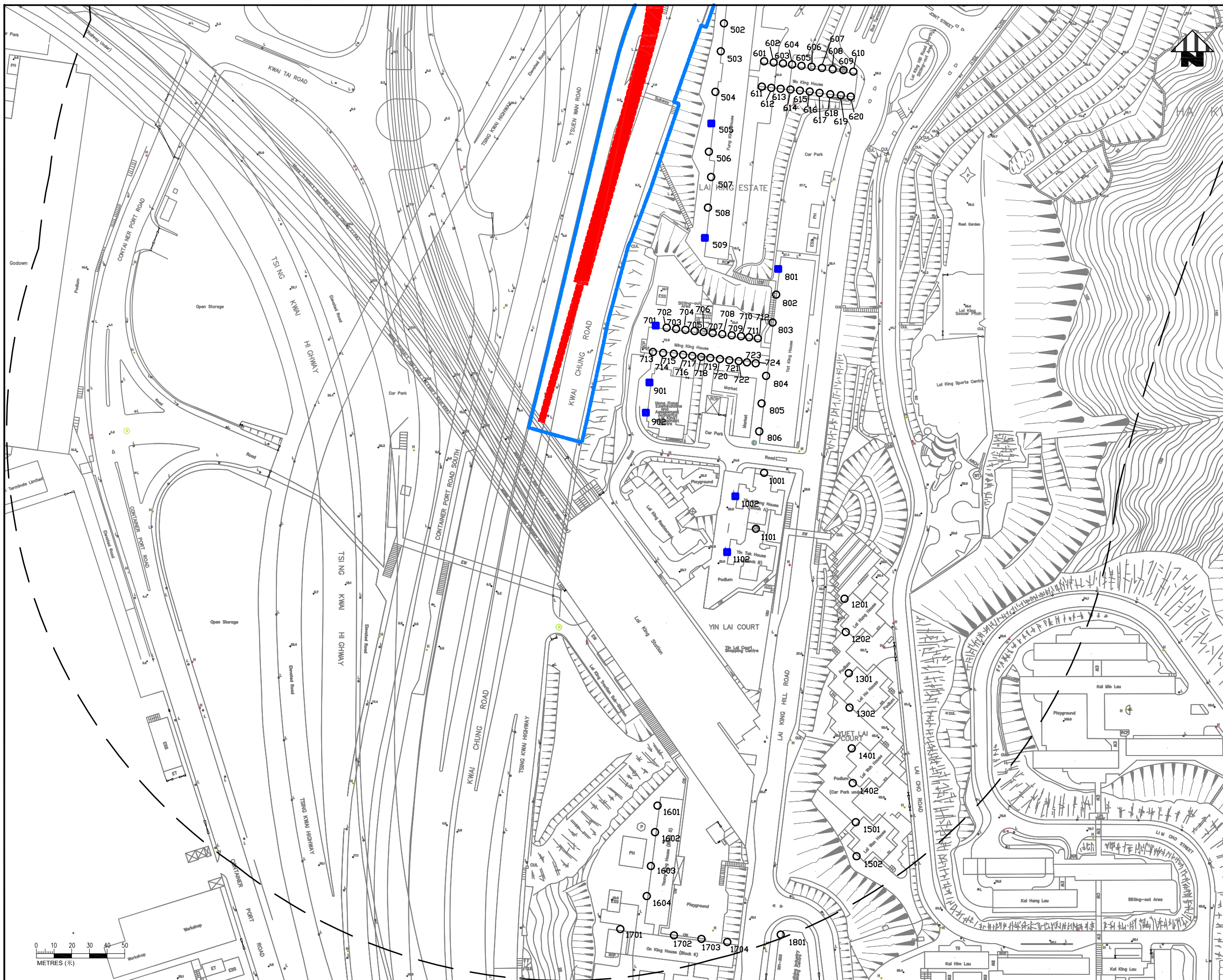
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 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD – INVESTIGATION

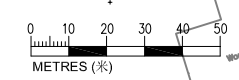
LOCATIONS OF ASSESSMENT POINTS OF EACH NSR (SHEET 1 OF 2)

Drawing No.		FIGURE 4.2	
Designed	SL	Checked	MSP
Drawn	SL	Date	07/14
Approved	ICWR	Status	FINAL





- LEGEND:
- PROJECT BOUNDARY
 - - - 300M STUDY AREA FROM PROJECT BOUNDARY
 - █ PROPOSED VIADUCT
 - ▬ PROPOSED REPROVISIONED FOOT BRIDGE
 - LOCATIONS OF NOISE ASSESSMENT POINTS (OPERATION PHASE ONLY)
 - LOCATIONS OF NOISE ASSESSMENT POINTS (CONSTRUCTION AND OPERATION PHASES)

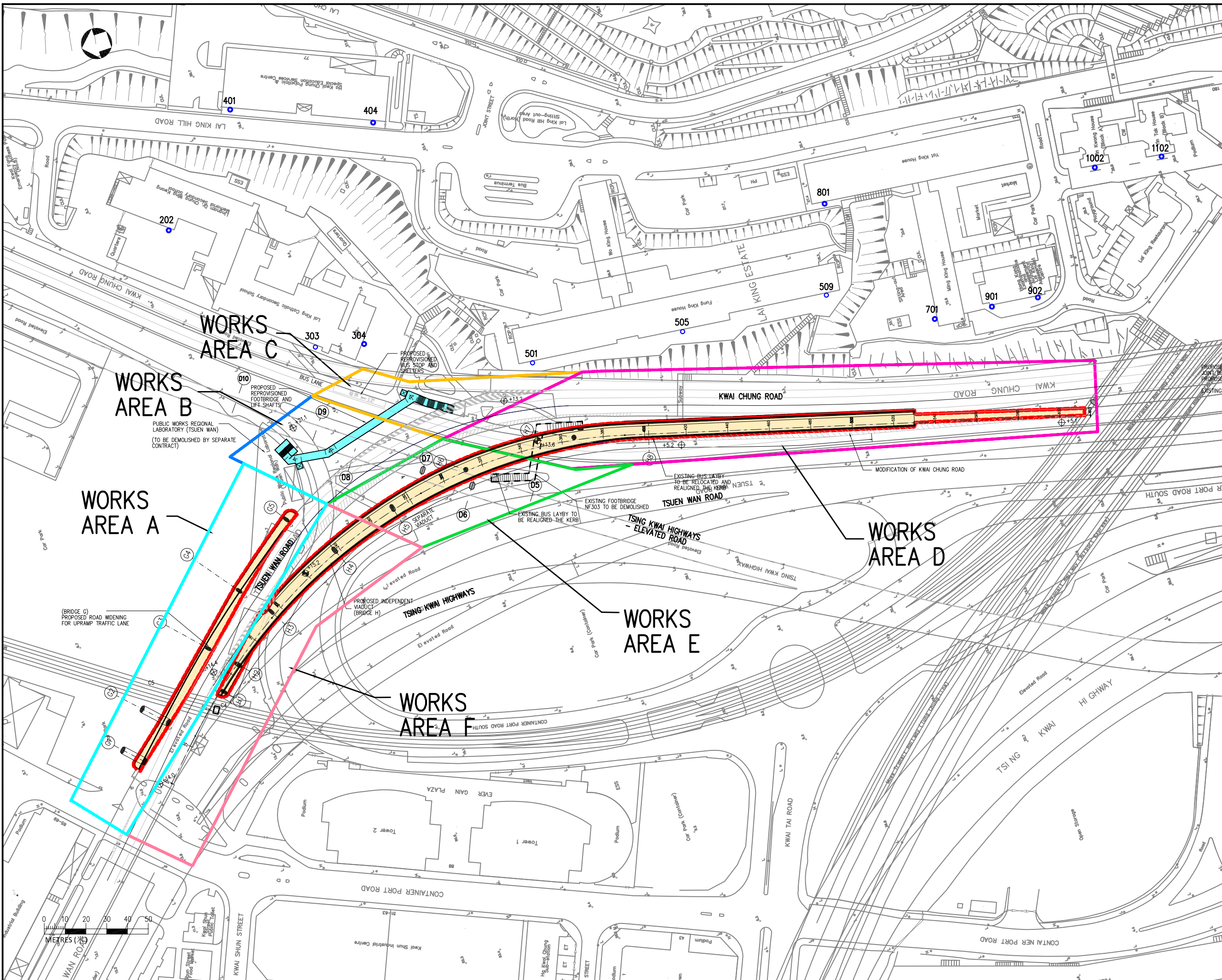


Rev	Date	Description	Drawn	Checked
修訂	日期	內容摘要	繪圖	校核

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 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION
LOCATIONS OF ASSESSMENT POINTS OF EACH NSR (SHEET 2 OF 2)

Drawing No. 圖則編號				
FIGURE 4.2				
Designed	Drawn	Checked	Scale	AS SHOWN
設計	繪圖	校核	MSP	比例
SL	SL	SL		
Approved	Date	Status		
批准	日期	階段		
ICWR	07/14	調查	FINAL	





LEGEND:

- PROPOSED VIADUCT / WIDENING OF BRIDGE DECK / ABUTMENT
- PROPOSED REPROVISIONED FOOTBRIDGE
- LOCATIONS OF NOISE ASSESSMENT POINTS
- WORKS AREA
- WORKS AREA A
- +4.9 EXISTING ROAD LEVEL IN mPD (APPROX.)
- +15.1 PROPOSED ROAD LEVEL IN mPD (APPROX.)

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核

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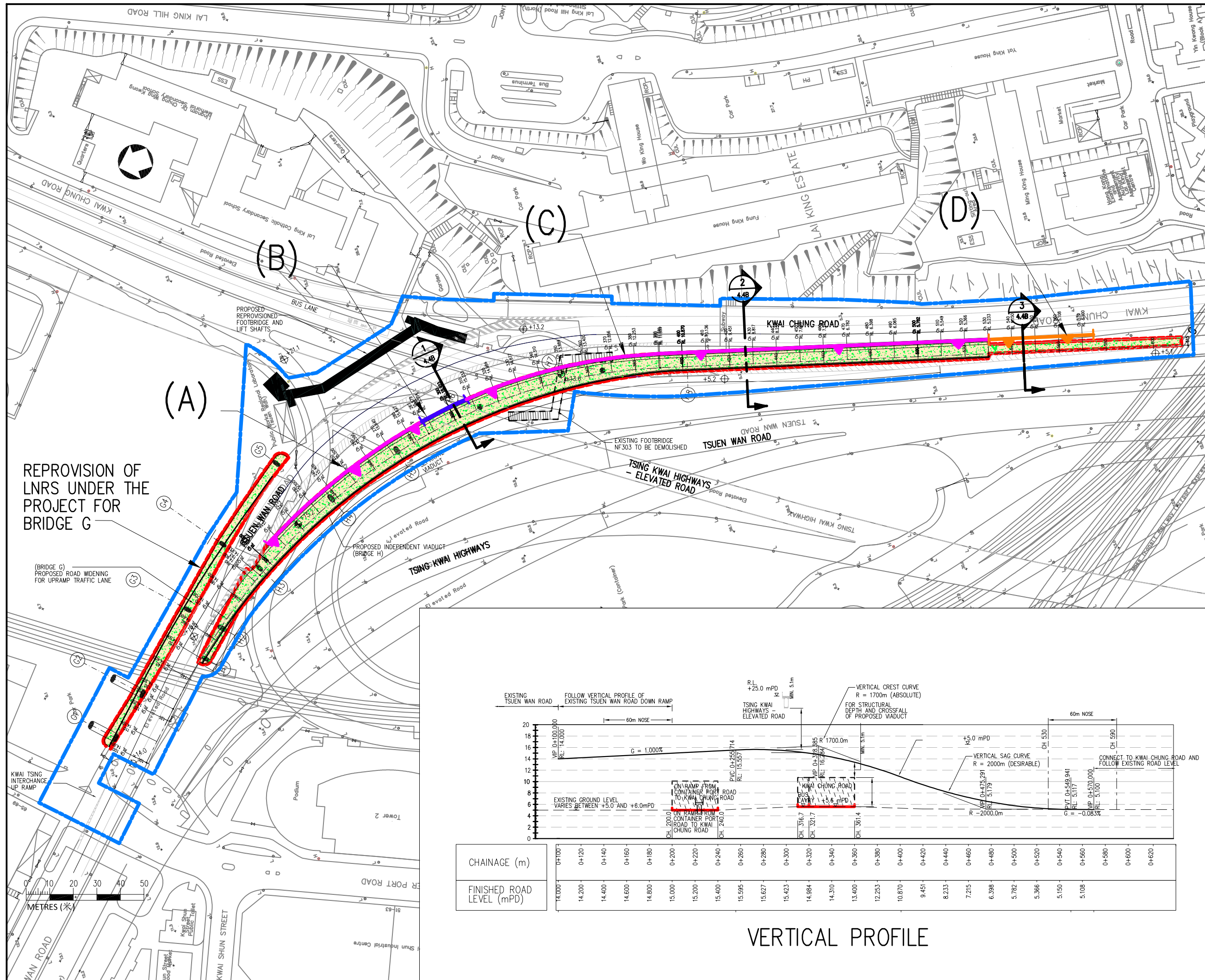
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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

LOCATIONS OF CONSTRUCTION WORKS AREAS AND NOISE ASSESSMENT POINTS

Drawing No. 圖則編號		FIGURE 4.3		
Designed 設計	SL	Drawn 繪圖	SL	Checked 校核
Approved 批准	ICWR	Date 日期	29/08/14	Status 狀態
				FINAL





- LEGEND:**
- PROPOSED VIADUCT / WIDENING OF BRIDGE DECK / ABUTMENT
 - PROPOSED REPROVISIONED FOOTBRIDGE
 - PROJECT BOUNDARY
 - PROPOSED 5.5M VERTICAL BARRIER(B)
 - PROPOSED 5.5M WITH 2.5M CANTILEVERED BARRIER(A/C)
 - PROPOSED 5.5M WITH 3.5M CANTILEVERED BARRIER(D)
 - PROPOSED LOW NOISE ROAD SURFACING
 - +4.9 EXISTING ROAD LEVEL IN mPD (APPROX.)
 - +15.1 PROPOSED ROAD LEVEL IN mPD (APPROX.)

Rev.	Date	Description	Drawn	Checked

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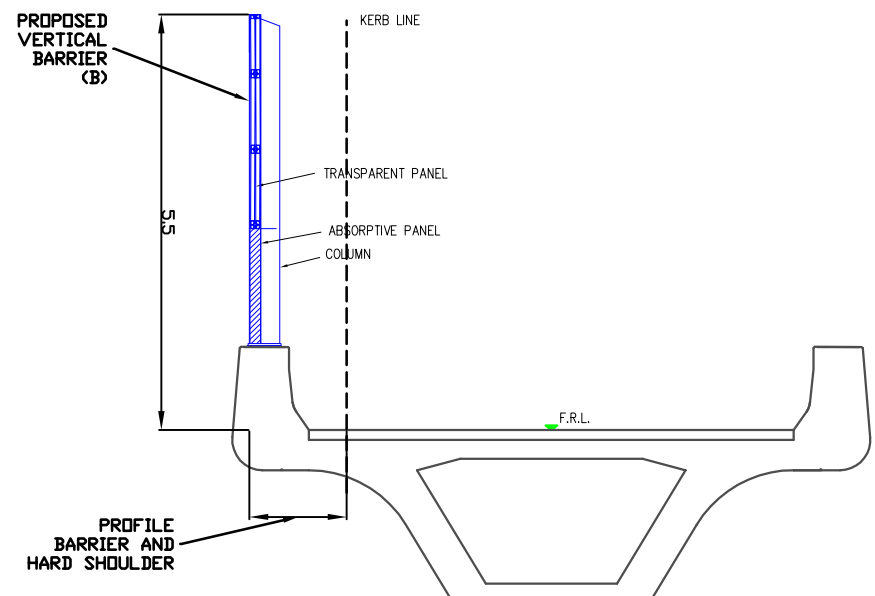
AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

PROPOSED LOCATIONS OF NOISE MITIGATION MEASURES

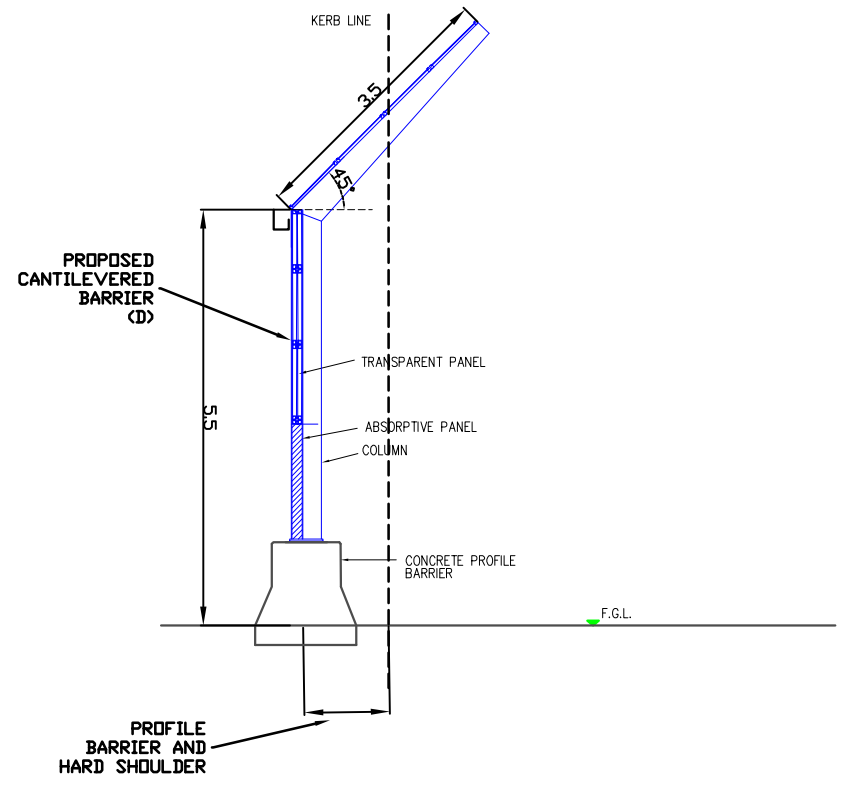
Drawing No. **FIGURE 4.4A**

Designed	Drawn	Checked	MSP	Scale	AS SHOWN
SL	SL	SL			
Approved	Date	Status			
ICWR	07/14	FINAL			

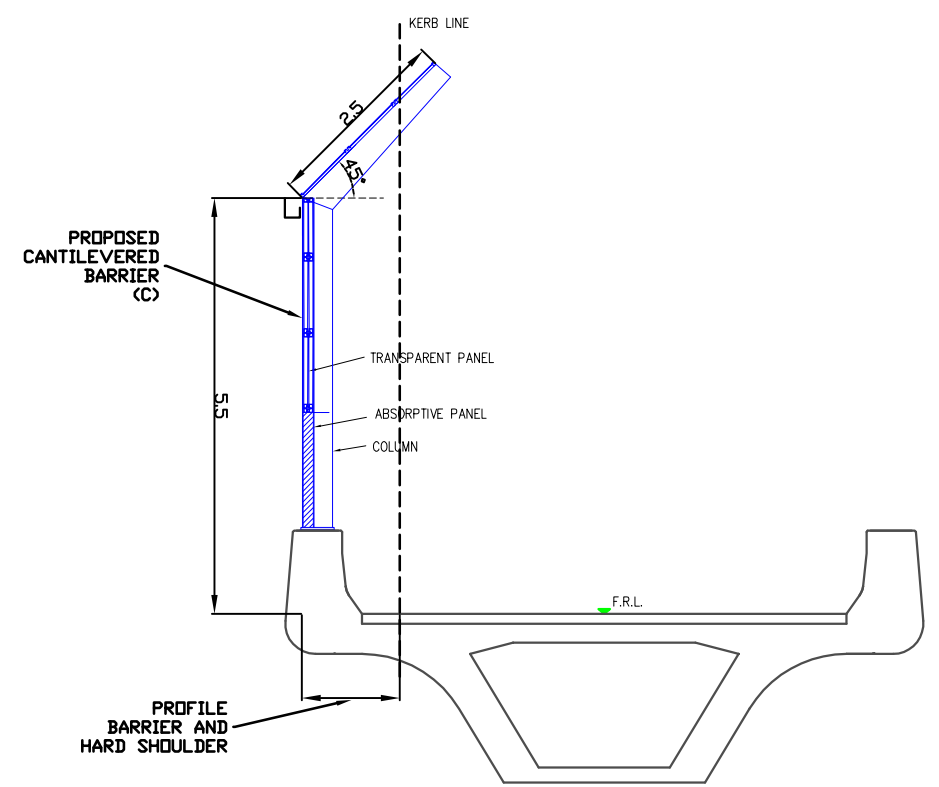
AECOM



BRIDGE H
SECTION 1 - 1



BRIDGE H (AT GRADE PORTION)
SECTION 3 - 3



BRIDGE H
SECTION 2 - 2

NOTE:

1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METERS
2. SCHEMATIC SECTIONS ARE INDICATIVE ONLY; DETAILS TO BE DETERMINED DURING DETAILED DESIGN STAGE

Rev.	Date	Description	Drawn	Checked
修訂	日期	內容簡要	繪圖	審核

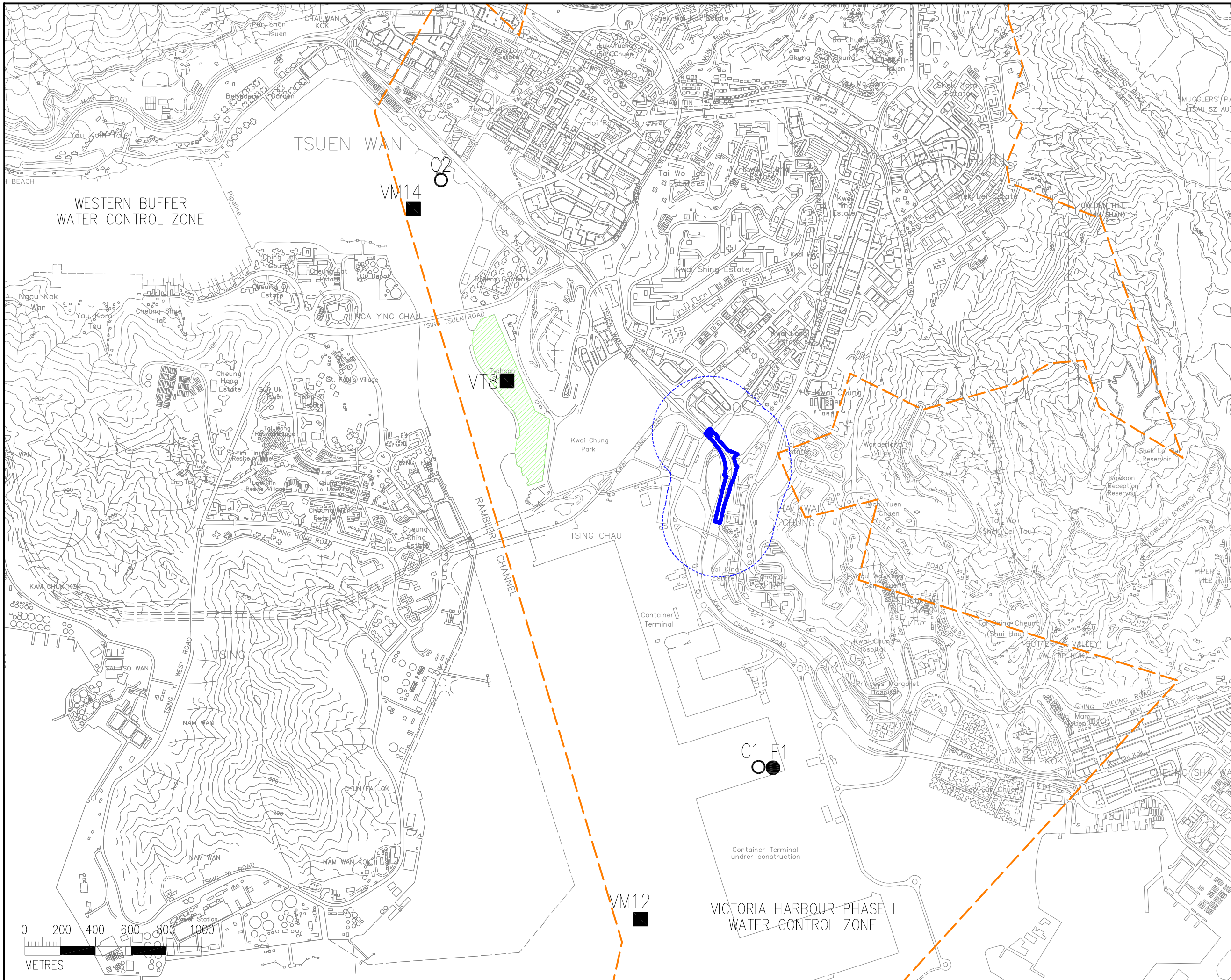
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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD - INVESTIGATION

SECTION VIEWS OF PROPOSED VERTICAL AND CANTILEVERED BARRIERS

Drawing No. 圖則編號		FIGURE 4.4B			
Designed 設計	SL	Drawn 繪圖	SL	Checked 審核	MSP
Approved 批准	ICWR	Date 日期	11/14	Status 狀態	FINAL





-  NORTH
-  PROJECT BOUNDARY
-  300M ASSESSMENT AREA
-  VICTORIA HARBOUR PHASE I WATER CONTROL ZONE
-  FLUSHING WATER INTAKES
F1 KWAI CHUNG HOSPITAL
-  COOLING WATER INTAKES
C1 KWAI CHUNG HOSPITAL
C2 TSUEN WAN
-  TYPHOON SHELTERS
TS1 RAMBLER CHANNEL TYPHOON SHELTER
-  MARINE WATER QUALITY MONITORING STATIONS
VM12 RAMBLER CHANNEL (SOUTH)
VM14 RAMBLER CHANNEL (NORTH)
VT8 RAMBLER CHANNEL (TYPHOON SHELTER)

Rev. 修改	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核

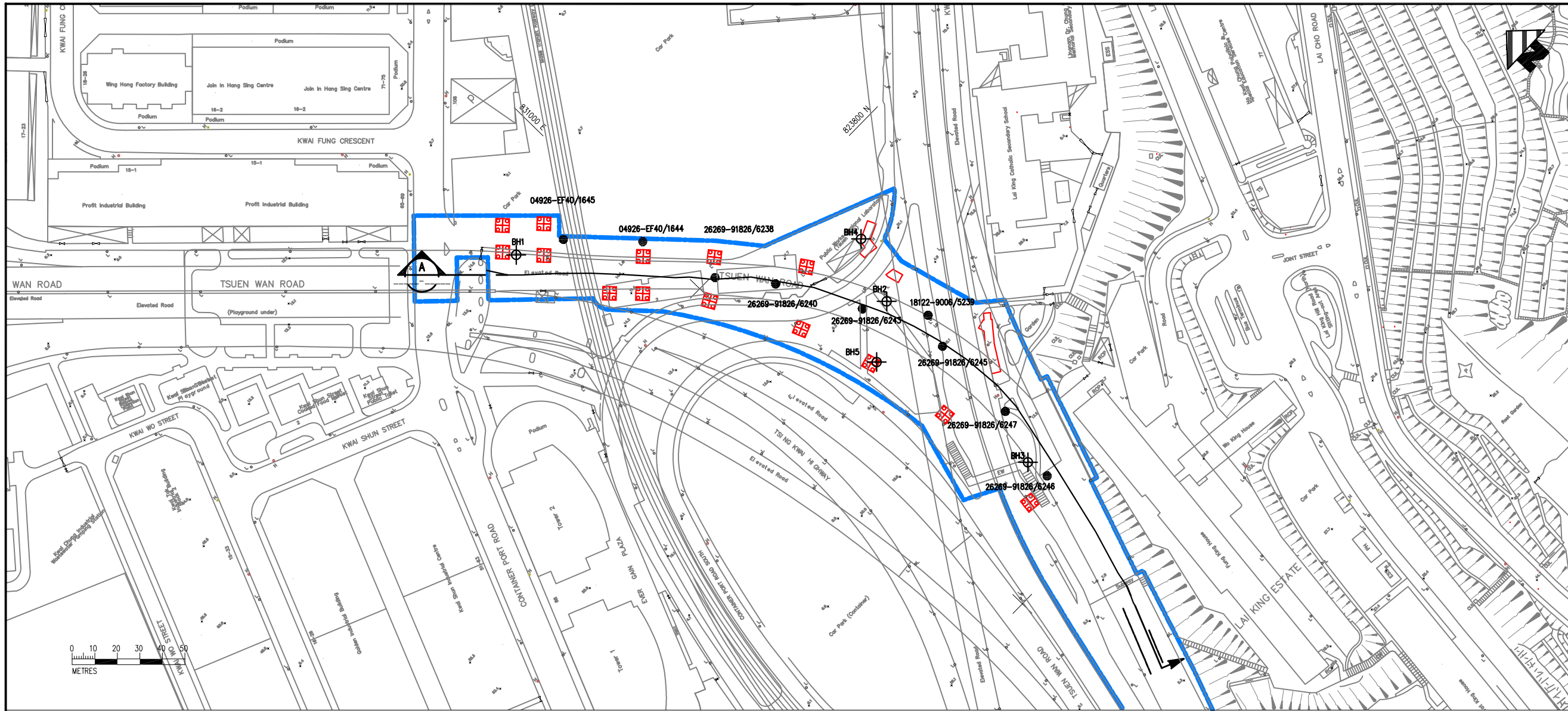
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 FLYOVER FROM KWAI TSING INTERCHANGE UPBRAMP TO KWAI CHUNG ROAD – INVESTIGATION

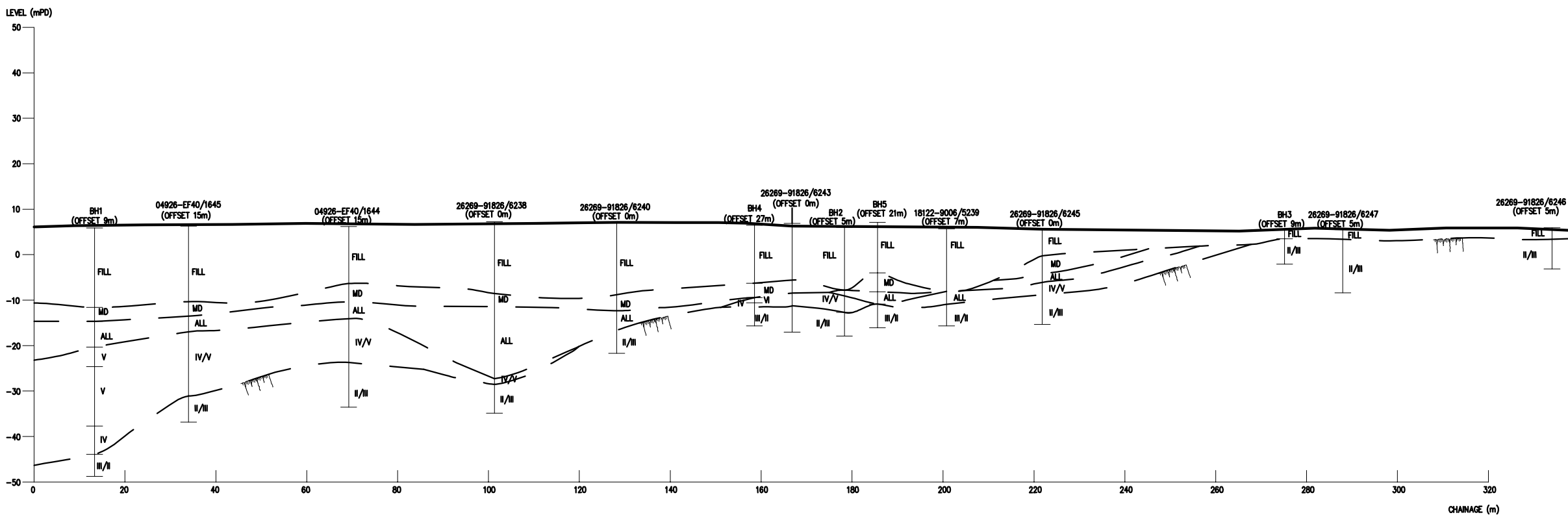
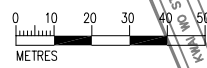
WATER CONTROL ZONE AND WATER SENSITIVE RECEIVERS

Drawing No. 圖則編號		FIGURE 5.1			
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例	Status 狀況	AS SHOWN
FYS	FYS	TWKW	AS SHOWN		
Approved 批准	ICWR	Date 日期	08/14	Status 狀況	FINAL





- LEGEND:
- PROJECT BOUNDARY
 - LOCATIONS OF BOREHOLE FROM PAST GI RECORDS
 - LOCATIONS OF BOREHOLE FROM GI CONDUCTED FOR THIS PROJECT IN 2013
 - PROPOSED LOCATIONS OF PILING WORKS THAT MAY CAUSE EXCAVATION OF MARINE SEDIMENT
 - PROPOSED LOCATIONS OF FOUNDATION WORKS THAT MAY CAUSE EXCAVATION OF MARINE SEDIMENT
 - MD** MARINE DEPOSITS
 - ALL** ALLUVIUM



SECTION A - A

Rev.	Date	Description	Drawn	Checked

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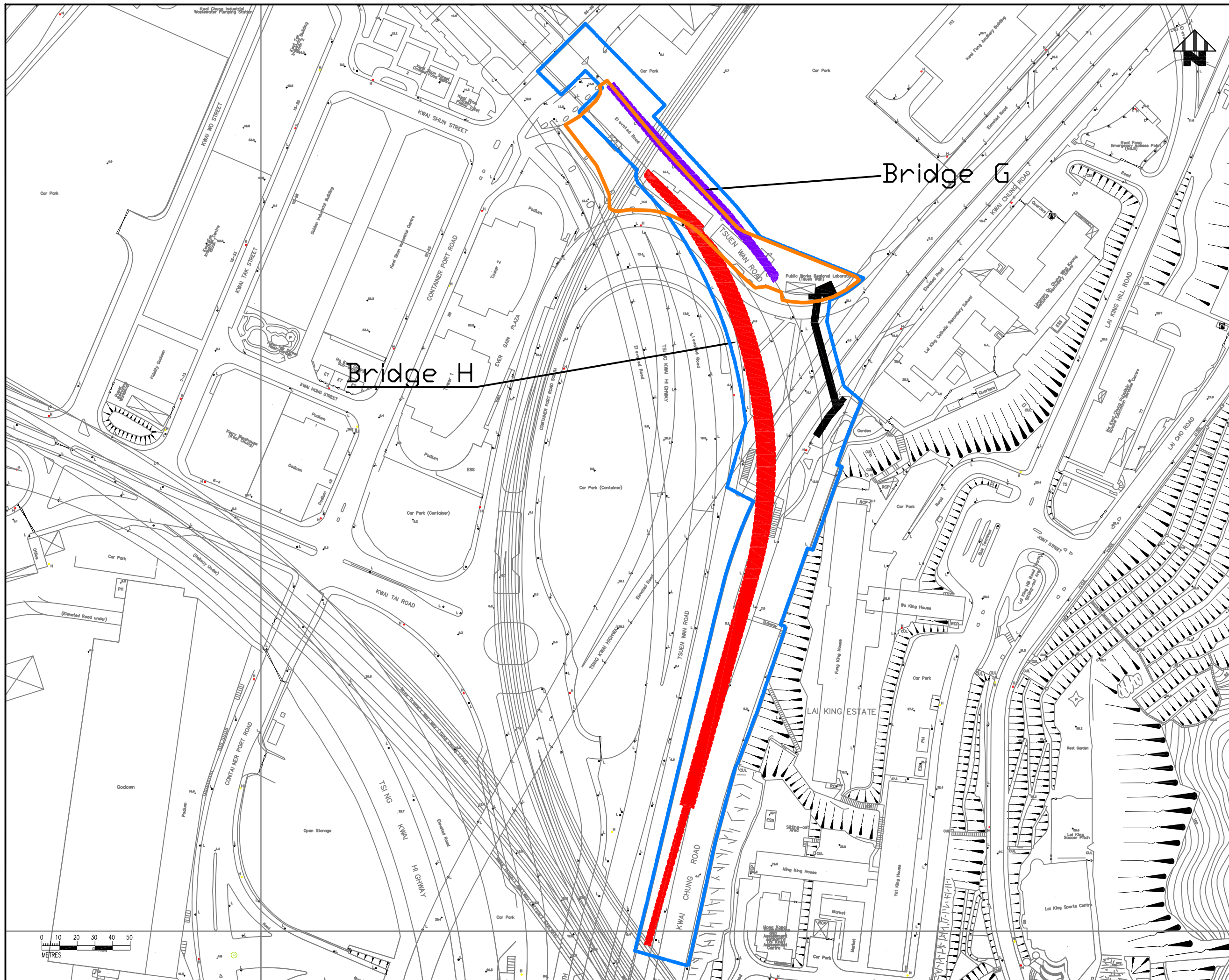
AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

PROPOSED LOCATIONS OF WORKS WITH POSSIBLE MARINE SEDIMENT EXCAVATION

Drawing No. **FIGURE 6.1**

Designed	Drawn	Checked	Scale
CC	CC	MASP	AS SHOWN
Approved	Date	Status	
ICWR	07/10	FINAL	





- LEGEND:
- PROJECT BOUNDARY
 - SITE BOUNDARY OF PUBLIC WORKS REGIONAL LABORATORY OF TSUEN WAN
 - PROPOSED VIADUCT (PROJECT ROAD/ DESIGNATED PROJECT UNDER ITEM A, PART 1 OF SCHEDULE 2 OF THE EIAO)
 - WIDENING OF BRIDGE DECK/ ABUTMENT (OTHER ROADS WITH MINOR MODIFICATION --- NOT CLASSIFIED AS A MATERIAL CHANGE)
 - PROPOSED REPROVISIONED FOOT BRIDGE

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核

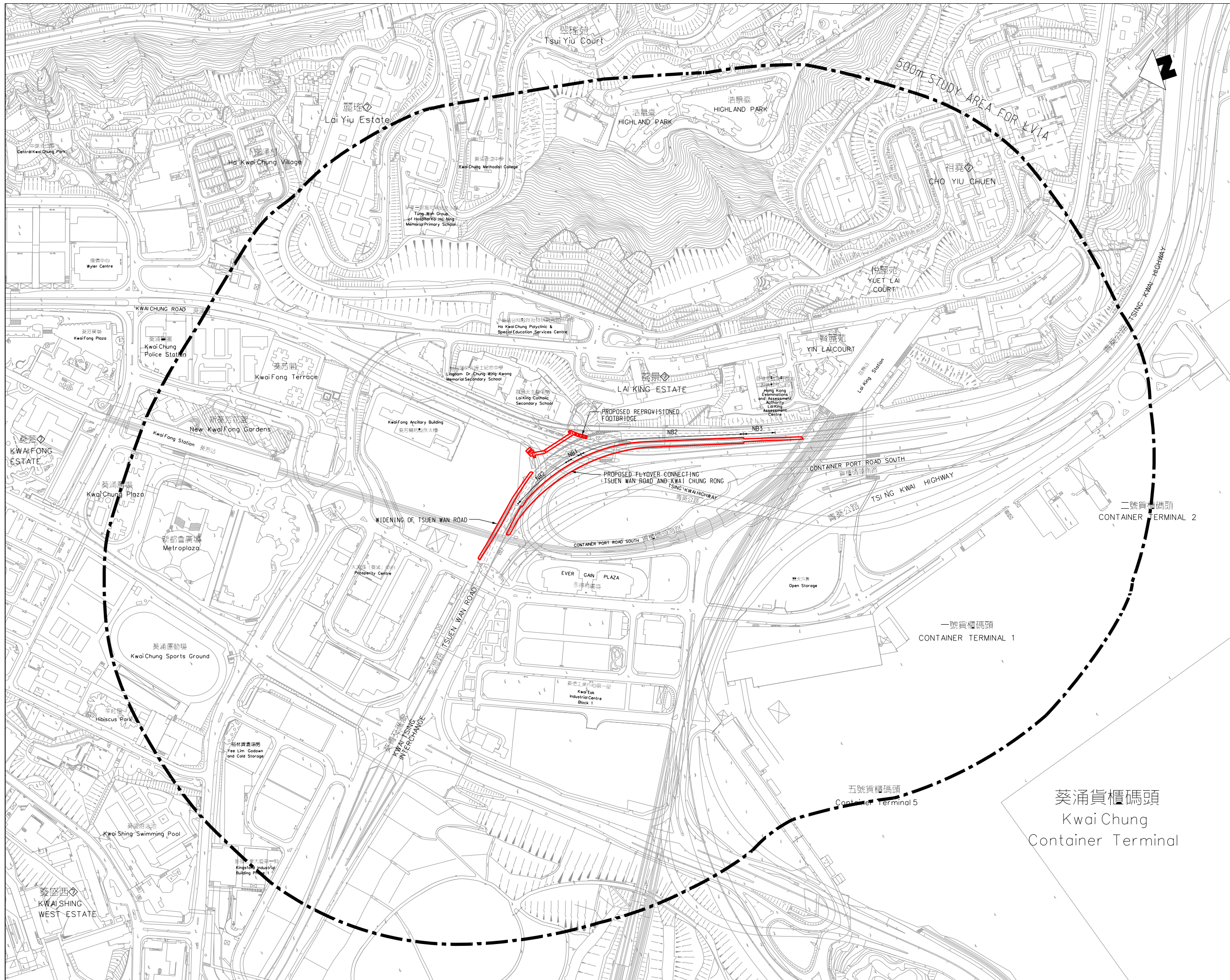
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

LOCATION OF PUBLIC WORKS REGIONAL LABORATORY OF TSUEN WAN

Drawing No. 圖號		FIGURE 6.2		
Designed 設計: CC	Drawn 繪圖: CC	Checked 校核: MASP	Scale 比例: AS SHOWN	
Approved 批准: ICWR	Date 日期: 07/10	Status 圖況: 圖況		





- LEGEND:**
- PROPOSED FLYOVER / FOOTBRIDGE
 - NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
 - NB1 5.5m HIGH VERTICAL BARRIER
 - NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
 - NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
 - 500m STUDY AREA

Rev.	Date	Description	Drawn	Checked
A	06/14	AMEND NOISE BARRIER	LBJ	DMCH

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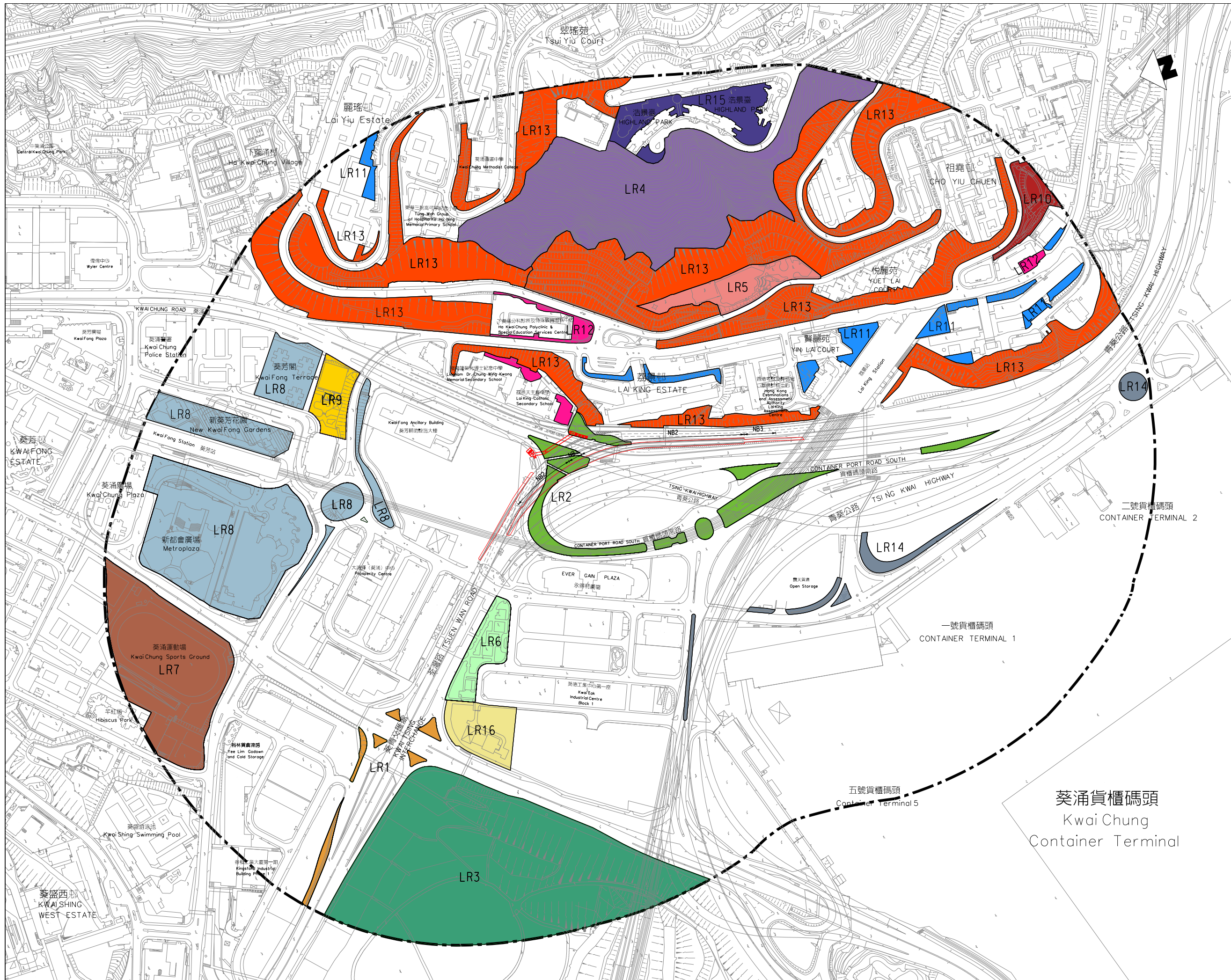
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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

LAYOUT PLAN FOR LVIA

Drawing No. 圖則編號		FIGURE 7.1	
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例
AYNS	HAX	AYNS	1:5000 (A3)
Approved 校核	Date 日期	Status 校核	PRELIMINARY
KLC	02/14		





- LEGEND:**
- LR LANDSCAPE RESOURCE
 - LR1 TREE PLANTING ALONG TSUEN WAN ROAD
 - LR2 TREE PLANTING AT KWAI CHUNG ROAD INTERCHANGE AREA
 - LR3 KWAI CHUNG PARK
 - LR4 PLANTING AT FOOTHILLS OF LAI KING HILL
 - LR5 LAI KING SPORTS CENTRE
 - LR6 KWAI SHUN STREET PLAYGROUND
 - LR7 KWAI CHUNG SPORTS GROUND
 - LR8 LANDSCAPED AREA IN KWAI FONG CORE AREA
 - LR9 KWAI YI ROAD PLAYGROUND
 - LR10 LAI KING HILL ROAD PLAYGROUND
 - LR11 LANDSCAPE AT RESIDENTIAL
 - LR12 LANDSCAPE AT SCHOOL CLINIC AND OTHER PUBLIC BUILDING
 - LR13 MAN-MADE SLOPE
 - LR14 ROADSIDE PLANTING INSIDE CONTAINER TERMINAL
 - LR15 PLANTING AT HIGHLAND PARK
 - LR16 DSD KWAI CHUNG INDUSTRIAL WASTEWATER PUMPING STATION
 - PROPOSED FLYOVER / FOOTBRIDGE
 - NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
 - NB1 5.5m HIGH VERTICAL BARRIER
 - NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
 - NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
 - 500m STUDY AREA

B	05/15	PLAND COMMENTS	HAX	AYNS
A	06/14	AMEND NOISE BARRIER	LBJ	DMCH

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核


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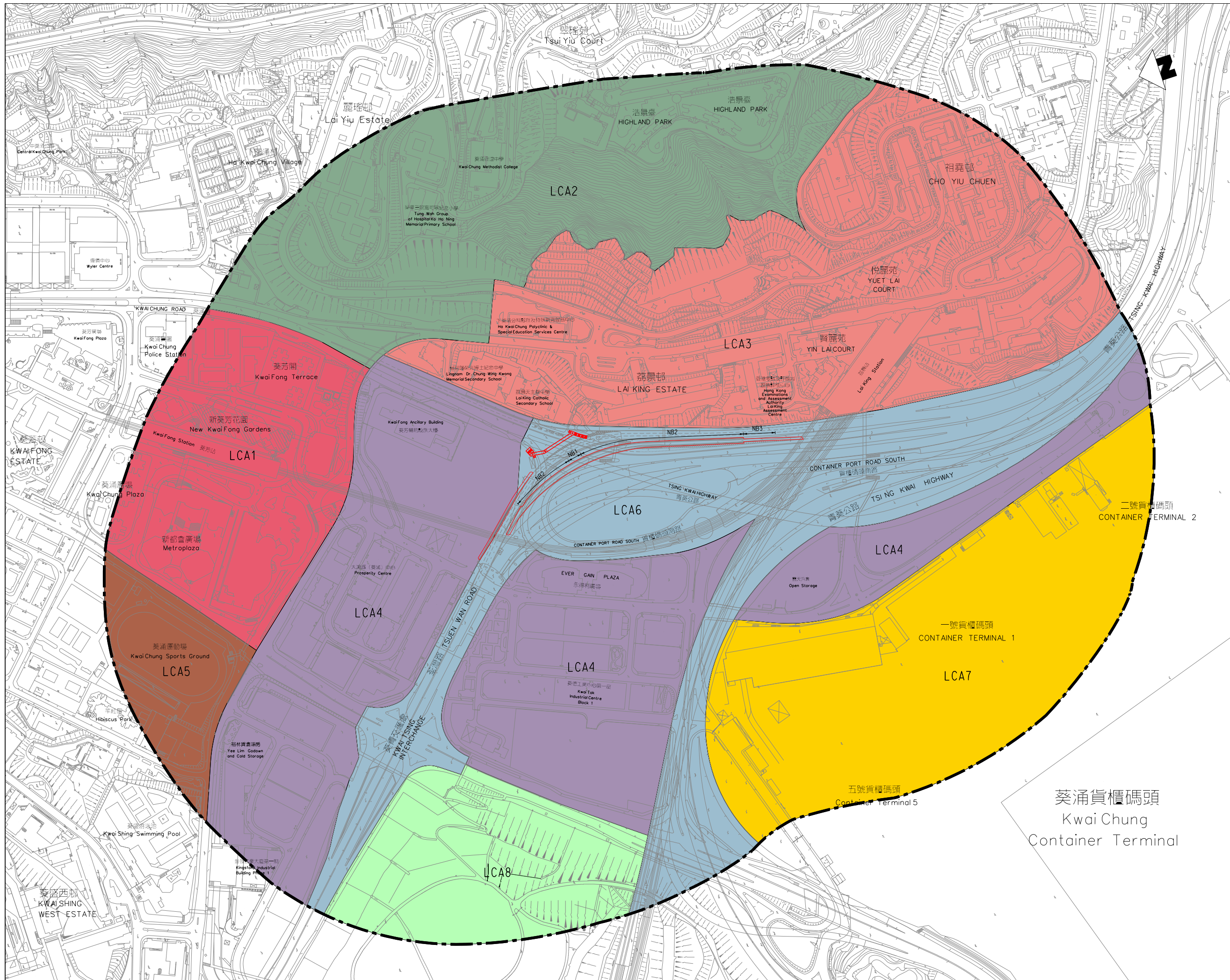
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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

LANDSCAPE RESOURCES PLAN

Drawing No. 圖則編號	FIGURE 7.2			
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例: 1:5000 (A3)	
AYNS	HAX	AYNS	Date 日期	Status 校核
Approved 校核	KLC	Date 日期	02/14	Status 校核
				PRELIMINARY





- LEGEND:**
- LCA LANDSCAPE CHARACTER AREAS
 - LCA1 MIXED RESIDENTIAL AND COMMERCIAL SURROUNDING KWAI FONG MTR STATION
 - LCA2 RESIDENTIAL AT HIGHER LEVEL OF LAI KING HILL
 - LCA3 RESIDENTIAL AT LOWER LEVEL OF LAI KING HILL
 - LCA4 INDUSTRIAL & OPEN STORAGE AREA ALONG TSUEN WAN ROAD
 - LCA5 KWAI CHUNG SPORTS GROUND
 - LCA6 KWAI CHUNG ROAD INTERCHANGE
 - LCA7 KWAI CHUNG CONTAINER TERMINAL
 - LCA8 KWAI CHUNG PARK
 - PROPOSED FLYOVER / FOOTBRIDGE
 - NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
 - NB1 5.5m HIGH VERTICAL BARRIER
 - NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
 - NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
 - 500m STUDY AREA

B	05/15	PLAND COMMENTS	HAX	AYNS
A	06/14	AMEND NOISE BARRIER	LBJ	DMCH

Rev.	Date	Description	Drawn	Checked


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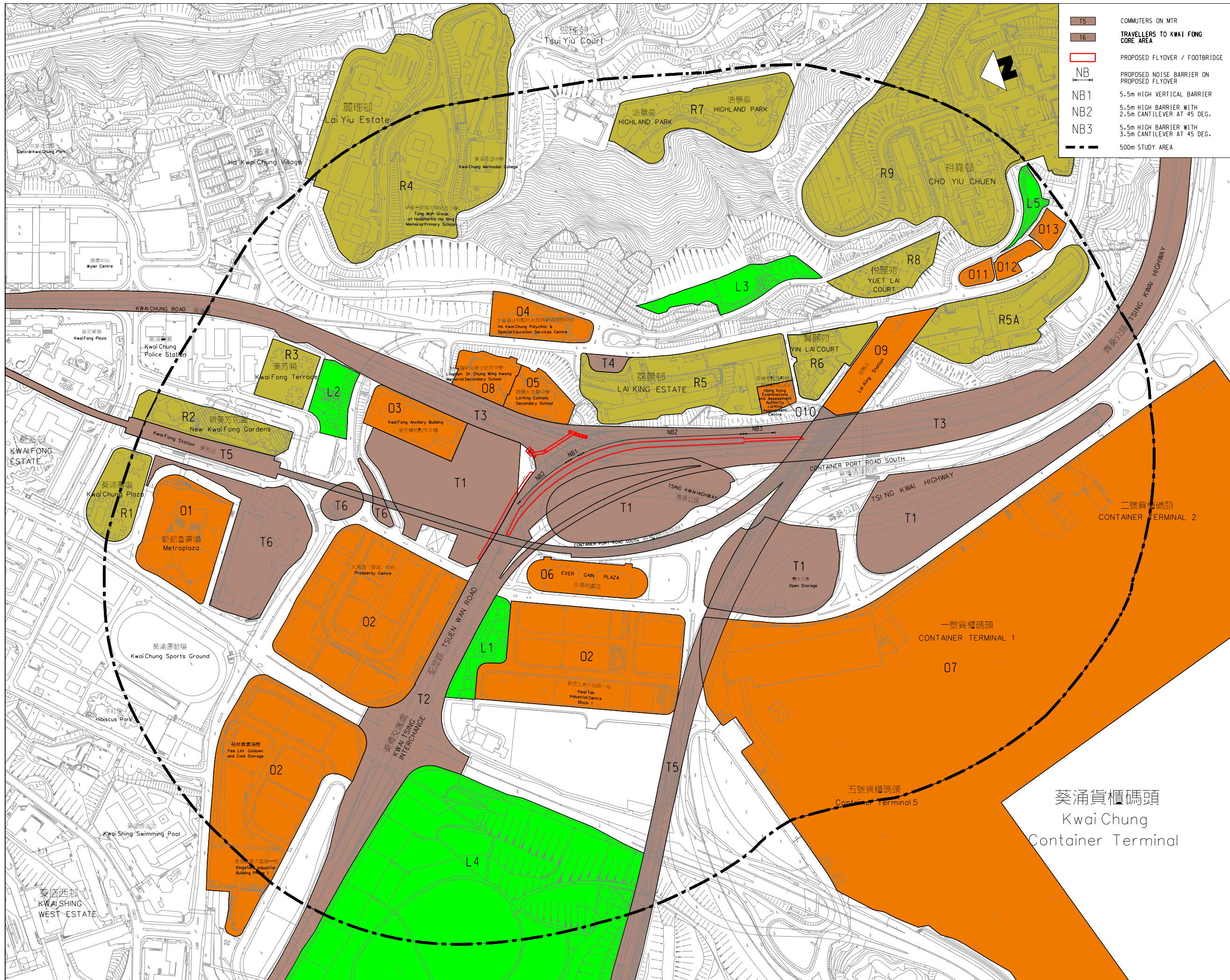
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NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD - INVESTIGATION

LANDSCAPE CHARACTER AREAS PLANS

Drawing No. 圖則編號		FIGURE 7.3	
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例 1:5000 (A3)
AYNS	HAX	AYNS	
Approved 校核	Date 日期	Status 校核	PRELIMINARY
KLC	02/14		





- T5
- T6
- PROPOSED FLYOVER / FOOTBRIDGE
- NB
- NB1
- NB2
- NB3
- 500m STUDY AREA

- LEGEND:**
- R RESIDENTIAL VSR
 - O OCCUPATIONAL VSR
 - L VISITOR VSR
 - T TRAVELLER VSR
 - R1 RESIDENTS AT KWAI CHUNG PLAZA
 - R2 RESIDENTS AT NEW KWAI FONG GARDENS
 - R3 RESIDENTS AT KWAI FONG TERRACE
 - R4 RESIDENTS AT LAI YIU ESTATE
 - R5 RESIDENTS AT LAI KING ESTATE NORTH
 - R5A RESIDENTS AT LAI KING ESTATE SOUTH
 - R6 RESIDENTS AT YIN LAI COURT
 - R7 RESIDENTS AT HIGH LAND PARK
 - R8 RESIDENTS AT YUET LAI COURT
 - R9 RESIDENTS AT CHO YIU CHUEN
 - O1 WORKERS AT METROPLAZA
 - O2 WORKERS AT KWAI CHUNG INDUSTRIAL AREA
 - O3 WORKERS AT KWAI FONG ANCILLARY BUILDING
 - O4 STAFFS & VISITORS AT POLYCLINIC & SPECIAL EDUCATIONAL SERVICES
 - O5 STAFFS & STUDENTS AT LAI KING CATHOLIC SECONDARY SCHOOL
 - O6 WORKERS AT EVER GAIN PLAZA
 - O7 STAFFS AND WORKERS AT CONTAINER TERMINALS
 - O8 STAFFS AT LINGNAN DR. CHUNG WING KWONG MEMORIAL SECONDARY SCHOOL
 - O9 STAFFS AT LAI KING MTR CENTRE
 - O10 STAFFS AT LAI KING ASSESSMENT CENTRE
 - O11 STAFF AND VISITORS AT OUHK CITA LAI KING LEARNING CENTRE
 - O12 STAFF AND VISITORS TO LAI KING COMMUNITY HALL
 - O13 STAFF AND STUDENTS AT ASBURY METHODIST PRIMARY SCHOOL
 - L1 VISITORS TO KWAI SHUN STREET PLAYGROUND
 - L2 VISITORS TO KWAI YIP ROAD PLAYGROUND
 - L3 VISITORS TO LAI KING SPORTS CENTRE
 - L4 VISITORS TO KWAI CHUNG PARK
 - L5 VISITORS TO LAI KING HILL ROAD PLAYGROUND
 - T1 OPEN STORAGE AREA CAR PARK USERS
 - T2 PEDESTRIANS TRAVELLING ON STREET LEVEL UNDER KWAI CHUNG ROAD INTERCHANGE AREA
 - T3 COMMUTERS ON TSUEN WAN ROAD/KWAI CHUNG ROAD
 - T4 COMMUTERS AT LAI KING BUS TERMINUS

B	05/15	PLAND COMMENTS	HAX	AYNS
A	06/14	ADDED VSR	LBJ	DMCH

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核

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 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD - INVESTIGATION

VISUAL SENSITIVE RECEIVERS PLANS

Drawing No. 圖則編號		FIGURE 7.4	
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例 1:5000 (A3)
AYNS	HAX	AYNS	
Approved 校核	Date 日期	Status 校核	PRELIMINARY
KLC	02/14		





LR1 Tree Planting along Tsuen Wan Road



LR2 Tree Planting at Kwai Chung Road Interchange Area



LR3 Kwai Chung Park



LR4 Planting at foothills of Lai King Hill



LR5 Lai King Sports Centre



LR6 Kwai Shun Street Playground



LR7 Kwai Chung Sports Ground



LR8 Landscaped Area in Kwai Fong Core Area



LR9 Kwai Yi Road Playground




LR10 Lai King Hill Road Playground



LR11 Landscape at Residential



LR12 Landscape at School, Clinic, other Public Buildings

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PHOTOGRAPHIC RECORDS OF KEY LANDSCAPE RESOURCES (SHEET 1 OF 2)				
Drawing No.		FIGURE 7.5A		
Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	N. T. S.	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





LR13 Man-made Slope




LR14 Roadside Planting Inside Container Terminal



LR15 Planting at Highland Park



LR16 Planting at DSD Kwai Chung Industrial Wastewater Pumping Station

Rev.	Date	Description	Drawn	Checked
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PHOTOGRAPHIC RECORDS OF KEY LANDSCAPE RESOURCES (SHEET 2 OF 2)				
Drawing No.		FIGURE 7.5B		
Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	N. T. S.	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





LCA1 Mixed Residential and Commercial Surrounding Kwai Fong MTR Station



LCA2 Residential at higher level of Lai King Hill



LCA3 Residential at Lower level of Lai King Hill



LCA4 Industrial & Open Storage Area along Tsuen Wan Road



LCA5 Kwai Chung Sports Ground



LCA6 Kwai Chung Road Interchange



LCA7 Kwai Chung Container Terminal



LCA8 Kwai Chung Park

A	05/15	PLAND COMMENT	LBJ	DMCH
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Rev.	Date	Description	Drawn	Checked
		內容調整		

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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

PHOTOGRAPHIC RECORDS OF LANDSCAPE CHARACTER AREAS

Drawing No.	FIGURE 7.6			
Designed	Drawn	Checked	Scale	N. T. S.
AYNS	HAX	AYNS		
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





■ R1 Residents at Kwai Chung Plaza



■ R2 Residents at New Kwai Fong Gardens



■ R3 Residents at Kwai Fong Terrace



■ R4 Residents at Lai Yiu Estate



■ R5 Residents at Lai King Estate North



■ R5A Residents at Lai King Estate South



■ R6 Residents at Yin Lai Court



■ R7 Residents at Highland Park



■ R8 Residents at Yuet Lai Court



■ R9 Residents at Cho Yiu Chuen



■ O1 Workers at Metroplaza



■ O2 Workers at Kwai Chung Industrial Area

Rev.	Date	Description	Drawn	Checked
B	05/15	PLAND COMMENT	LBJ	DMCH
A	JUN14	ADDED VSR	LBJ	DMCH

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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING
INTERCHANGE UPRAMP TO
KWAI CHUNG ROAD - INVESTIGATION

PHOTOGRAPHIC RECORDS
OF KEY VISUALLY
SENSITIVE RECEIVERS
(SHEET 1 OF 3)

Drawing No.	FIGURE 7.7A			
Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	N. T. S.	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		

AECOM



O3 Workers at Kwai Fong Ancillary Building



O4 Staffs & Visitors at Polyclinic & Special Educational Services



O5 Staffs & Students at Lai King Catholic Secondary School



O6 Workers at Ever Gain Plaza



O7 Staffs and Workers at Container Terminals



O8 Staffs at Lingnan Dr. Chung Wing Kwong Memorial Secondary School



O9 Staffs at Lai King MTR Station



O10 Staffs at Lai King Assessment Centre



O11 Staff and Visitors at OUHK – CITA Lai King Learning Centre



O12 Staff and Visitors to Lai King Community Hall



O13 Staff and Students at Asbury Methodist Primary School



L1 Visitors to Kwai Shun Street Playground

Rev.	Date	Description	Drawn	Checked
B	05/15	PLAND COMMENT	LBJ	DMCH
A	JUN14	ADDED VSR	LBJ	DMCH

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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

PHOTOGRAPHIC RECORDS OF KEY VISUALLY SENSITIVE RECEIVERS (SHEET 2 OF 3)

Design No.	FIGURE 7.7B			
Designed	Drawn	Checked	Scale	N. T. S.
AYNS	HAX	AYNS	比例	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





L2 Visitors to Kwai Yip Road Playground



L3 Visitors to Lai King Sports Centre



L4 Visitors to Kwai Chung Park



L5 Visitors to Lai King Hill Road Playground



T1 Open Storage Area Car Park Users



T2 Pedestrians travelling on Street Level under Kwai Chung Road Interchange Area



T3 Commuters on Tsuen Wan Road/Kwai Chung Road




T4 Commuters at Lai King Bus Terminus



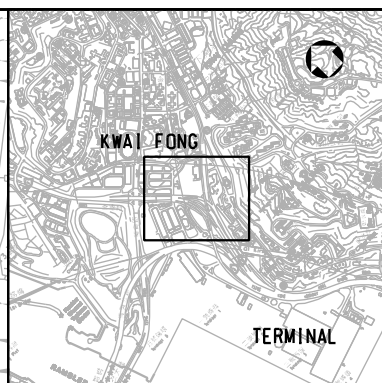
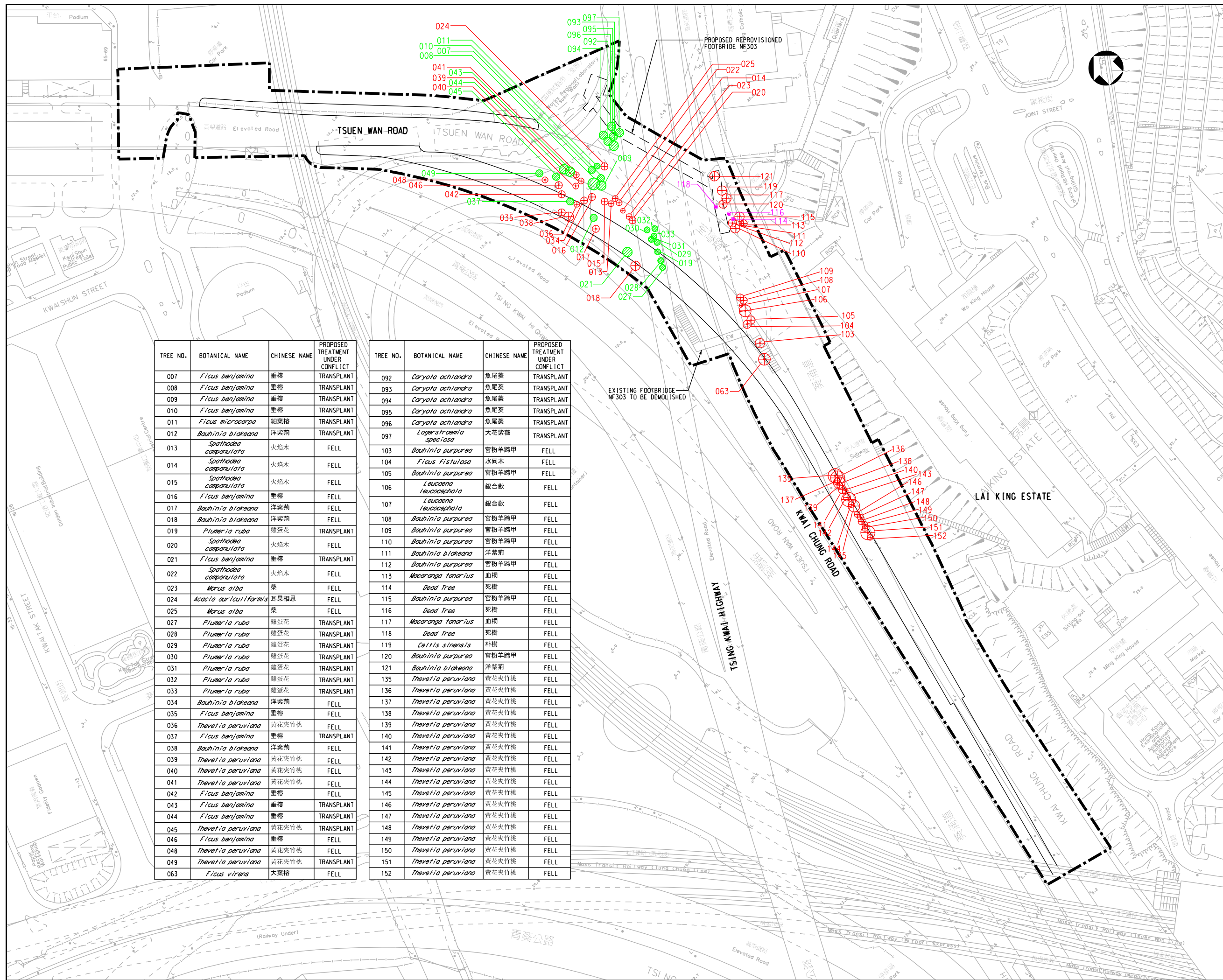
T5 Commuters on MTR



T6 Travellers to Kwai Fong Core Area

Rev.	Date	Description	Drawn	Checked
 土木工程拓展署 Civil Engineering and Development Department				
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PHOTOGRAPHIC RECORDS OF KEY VISUALLY SENSITIVE RECEIVERS (SHEET 3 OF 3)				
Drawing No. 圖則編號		FIGURE 7.7C		
Designed 設計	AYNS	Drawn 繪圖	HAX	Checked 校核
Approved 批准	KLC	Date 日期	02/14	Status 狀態
				PRELIMINARY





KEY PLAN
SCALE 1 : 25000

- LEGENDS:**
- PROJECT BOUNDARY
 - TREE TO BE TRANSPLANTED
 - TREE TO BE FELLED
 - DEAD TREE
 - PROPOSED VIADUCT / ROAD ALIGNMENT / WIDENING OF BRIDGE DECK
 - PROPOSED REPROVISIONED FOOTBRIDGE NF303

TREE NO.	BOTANICAL NAME	CHINESE NAME	PROPOSED TREATMENT UNDER CONFLICT
007	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
008	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
009	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
010	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
011	<i>Ficus microcarpa</i>	細葉榕	TRANSPLANT
012	<i>Bauhinia blakeana</i>	洋紫荊	TRANSPLANT
013	<i>Spathodea campanulata</i>	火焰木	FELL
014	<i>Spathodea campanulata</i>	火焰木	FELL
015	<i>Spathodea campanulata</i>	火焰木	FELL
016	<i>Ficus benjamina</i>	垂榕	FELL
017	<i>Bauhinia blakeana</i>	洋紫荊	FELL
018	<i>Bauhinia blakeana</i>	洋紫荊	FELL
019	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
020	<i>Spathodea campanulata</i>	火焰木	FELL
021	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
022	<i>Spathodea campanulata</i>	火焰木	FELL
023	<i>Morus alba</i>	桑	FELL
024	<i>Acacia auriculiformis</i>	耳果相思	FELL
025	<i>Morus alba</i>	桑	FELL
027	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
028	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
029	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
030	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
031	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
032	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
033	<i>Plumeria rubra</i>	雞蛋花	TRANSPLANT
034	<i>Bauhinia blakeana</i>	洋紫荊	FELL
035	<i>Ficus benjamina</i>	垂榕	FELL
036	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
037	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
038	<i>Bauhinia blakeana</i>	洋紫荊	FELL
039	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
040	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
041	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
042	<i>Ficus benjamina</i>	垂榕	FELL
043	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
044	<i>Ficus benjamina</i>	垂榕	TRANSPLANT
045	<i>Thevetia peruviana</i>	黃花夾竹桃	TRANSPLANT
046	<i>Ficus benjamina</i>	垂榕	FELL
048	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
049	<i>Thevetia peruviana</i>	黃花夾竹桃	TRANSPLANT
063	<i>Ficus virens</i>	大葉榕	FELL

TREE NO.	BOTANICAL NAME	CHINESE NAME	PROPOSED TREATMENT UNDER CONFLICT
092	<i>Caryota ochlandra</i>	魚尾葵	TRANSPLANT
093	<i>Caryota ochlandra</i>	魚尾葵	TRANSPLANT
094	<i>Caryota ochlandra</i>	魚尾葵	TRANSPLANT
095	<i>Caryota ochlandra</i>	魚尾葵	TRANSPLANT
096	<i>Caryota ochlandra</i>	魚尾葵	TRANSPLANT
097	<i>Lagerstrœmia speciosa</i>	大花紫薇	TRANSPLANT
103	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
104	<i>Ficus fistulosa</i>	水桐木	FELL
105	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
106	<i>Leucaena leucocephala</i>	銀合歡	FELL
107	<i>Leucaena leucocephala</i>	銀合歡	FELL
108	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
109	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
110	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
111	<i>Bauhinia blakeana</i>	洋紫荊	FELL
112	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
113	<i>Macaranga tanarius</i>	血楸	FELL
114	Dead Tree	死樹	FELL
115	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
116	Dead Tree	死樹	FELL
117	<i>Macaranga tanarius</i>	血楸	FELL
118	Dead Tree	死樹	FELL
119	<i>Celtis sinensis</i>	朴樹	FELL
120	<i>Bauhinia purpurea</i>	宮粉羊蹄甲	FELL
121	<i>Bauhinia blakeana</i>	洋紫荊	FELL
135	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
136	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
137	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
138	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
139	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
140	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
141	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
142	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
143	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
144	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
145	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
146	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
147	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
148	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
149	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
150	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
151	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL
152	<i>Thevetia peruviana</i>	黃花夾竹桃	FELL

E	03/14	AMEND PROJECT BOUNDARY	ELVIS	AYNS
D	02/14	AMEND PROJECT BOUNDARY	ELVIS	AYNS
C	11/13	FIRST SUBMISSION	NYH	DMCH

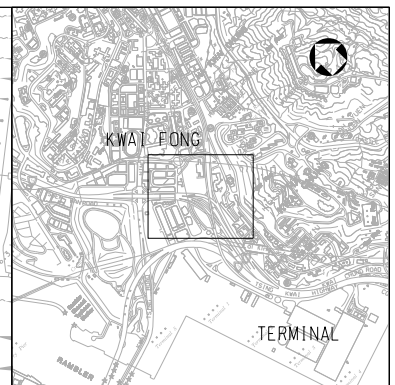
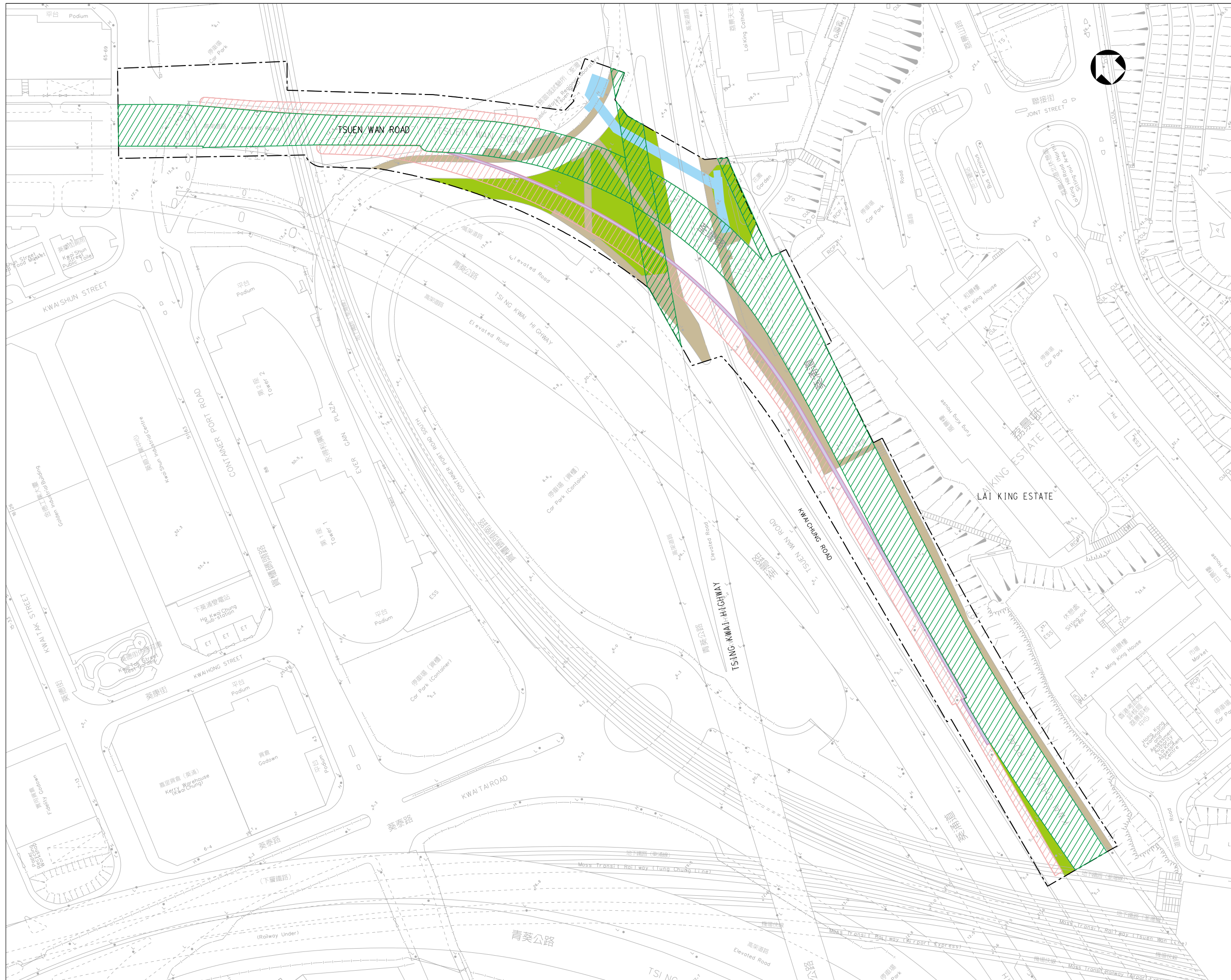
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AGREEMENT NO. CE 8/2012 (HY) FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

TREE SURVEY LAYOUT PLAN

Drawing No. 圖則編號	FIGURE 7.8A			
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例	1:750 (A1)
Approved 核准	TSN	Date 日期	Status 狀態	PRELIMINARY





KEY PLAN
SCALE 1 : 25000

LEGENDS:

- Proposal Works Area
- Footpath
- Proposed Landscape Area (Shrub Planting)
- Proposed Elevated Viaduct / Road Alignment / Widening of Bridge Deck
- Existing Elevated Viaduct
- Proposed Reprovisioned Footbridge NF 303
- Proposed Noise Barrier

NOTES:

This drawing provides aesthetic impression of landscaping treatment within the proposed works area of the Project. The final details of layout, materials and finishes will be subject to detailed development.

This drawing also does not indicate precise no. and locations of trees. The precise no. of trees to be retained, transplanted, felled and compensated shall be determined and agreed separately with government during the Tree Felling Application process.

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核
A	06/14	AMEND NOISE BARRIER AND PROPOSED PLANTING	CKL	AYNS

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CEDD Civil Engineering and Development Department

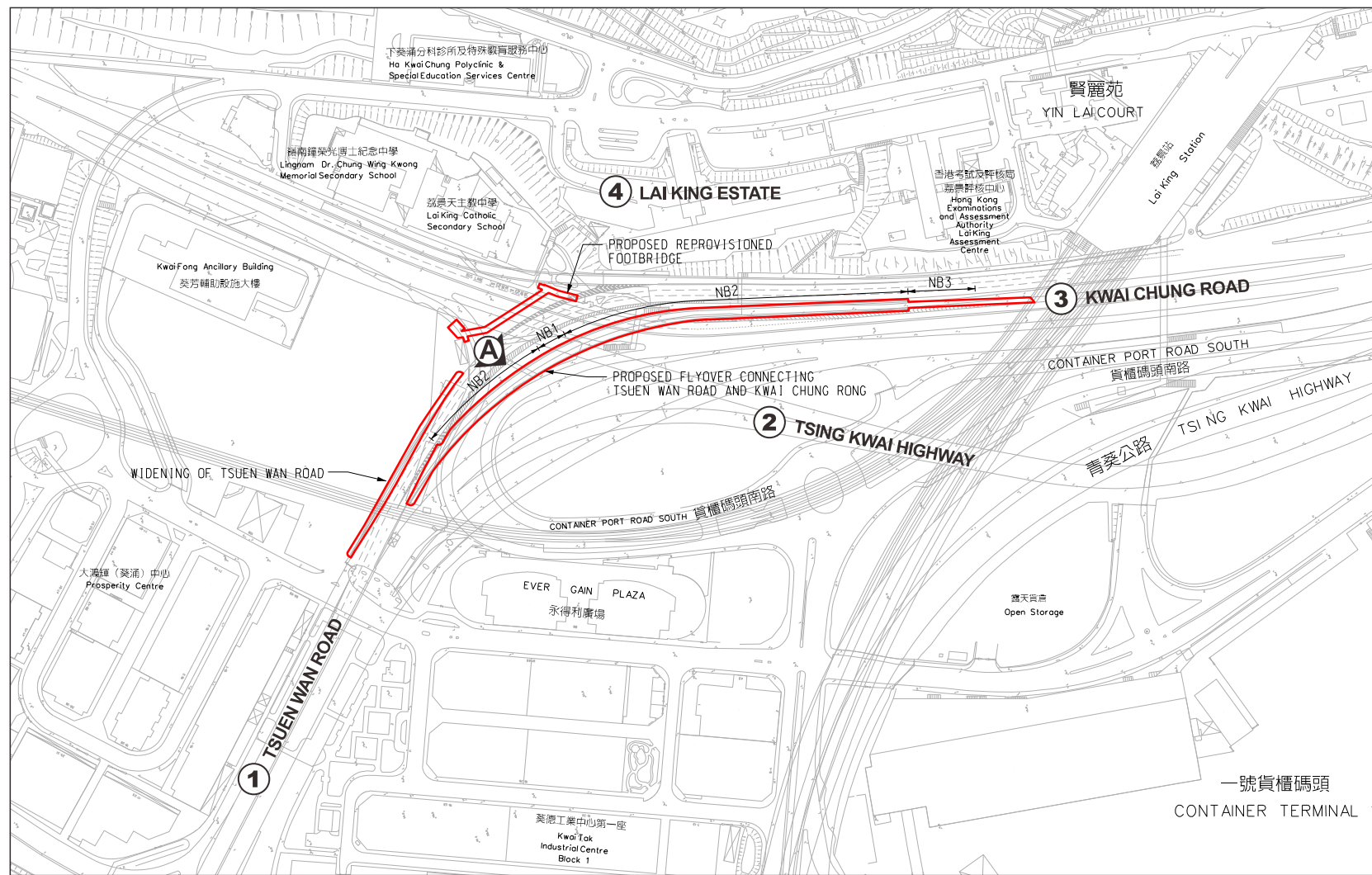
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

LANDSCAPE MASTER PLAN

Drawing No. 圖則編號		FIGURE 7.8B		
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例 1:1500 (A3)	
KTY	CMH	HCCL		
Approved 批准	Date 日期	Status 狀態		
TSN	02/14	PRELIMINARY		

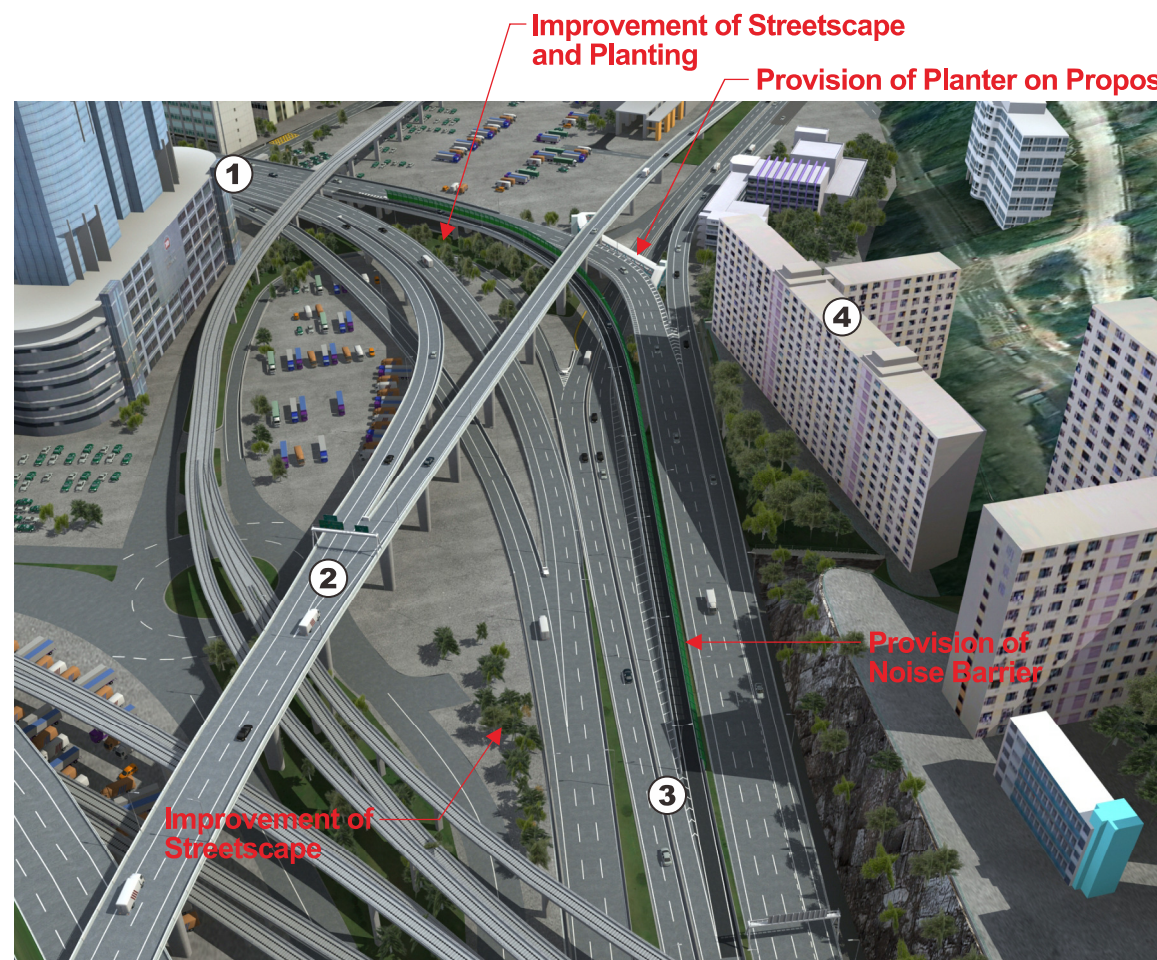




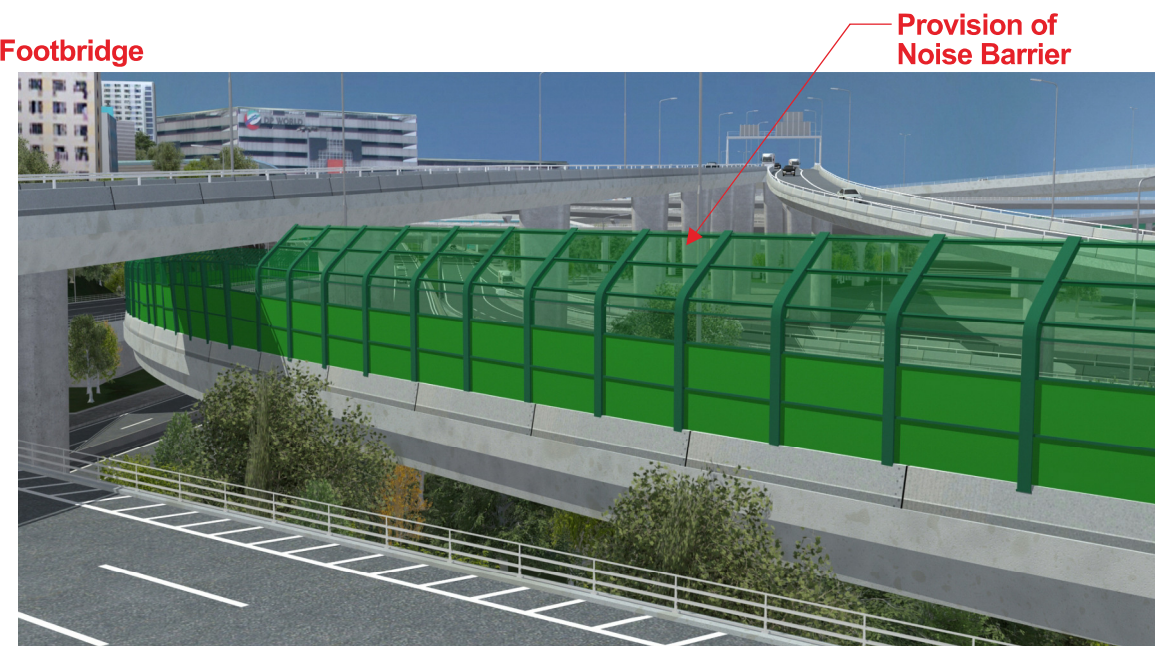
Plan

LEGEND:

	PROPOSED FLYOVER / FOOTBRIDGE
	PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
NB1	5.5m HIGH VERTICAL BARRIER
NB2	5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
NB3	5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.



Overview



View A

Rev.	Date	Description	Drawn	Checked
A	06/14	AMEND NOISE BARRIER	CKL	AYNS

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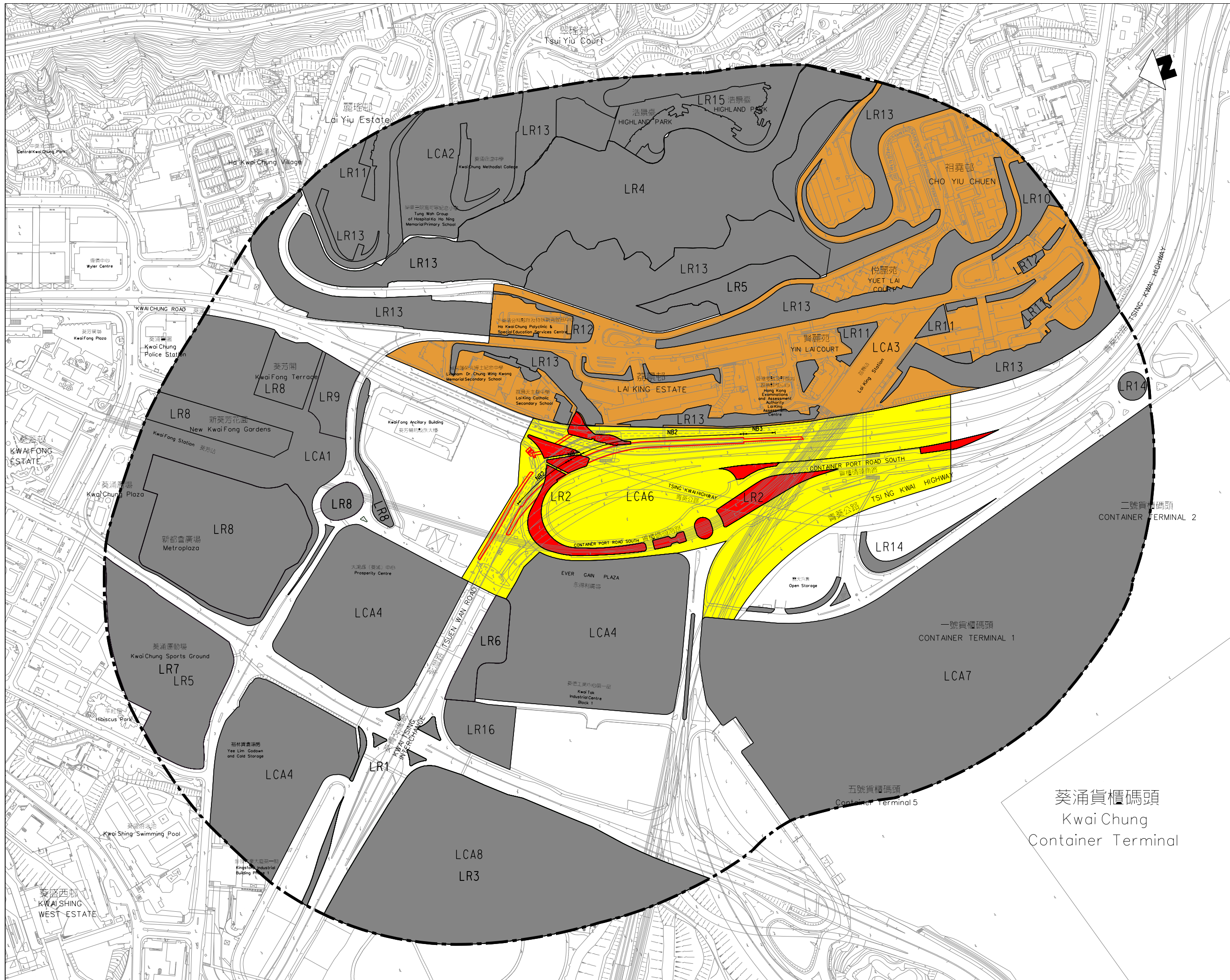
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

MITIGATION DETAILS

Drawing No. 圖則編號		FIGURE 7.9		
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例	1:5000 (A3)
AYNS	HAX	AYNS	Date 日期	02/14
Approved 批准	KLC	Date 日期	Status 狀態	PRELIMINARY





- LEGEND:**
- LR LANDSCAPE RESOURCE
 - LCA LANDSCAPE CHARACTER AREA
 - LR1 TREE PLANTING ALONG TSUEN WAN ROAD
 - LR2 TREE PLANTING AT KWAI CHUNG ROAD INTERCHANGE AREA
 - LR3 KWAI CHUNG PARK
 - LR4 PLANTING AT FOOTHILLS OF LAI KING HILL
 - LR5 LAI KING SPORTS CENTRE
 - LR6 KWAI SHUN STREET PLAYGROUND
 - LR7 KWAI CHUNG SPORTS GROUND
 - LR8 LANDSCAPED AREA IN KWAI FONG CORE AREA
 - LR9 KWAI YI ROAD PLAYGROUND
 - LR10 LAI KING HILL ROAD PLAYGROUND
 - LR11 LANDSCAPE AT RESIDENTIAL
 - LR12 LANDSCAPE AT SCHOOL CLINIC, AND OTHER PUBLIC BUILDING
 - LR13 MAN-MADE SLOPE
 - LR14 ROADSIDE PLANTING INSIDE CONTAINER TERMINAL
 - LR15 PLANTING AT HIGHLAND PARK
 - LR16 DSD KWAI CHUNG INDUSTRIAL WASTEWATER PUMPING STATION
 - LCA1 MIXED RESIDENTIAL AND COMMERCIAL SURROUNDING KWAI FONG MTR STATION
 - LCA2 RESIDENTIAL AT HIGHER LEVEL OF LAI KING HILL
 - LCA3 RESIDENTIAL AT LOWER LEVEL OF LAI KING HILL
 - LCA4 INDUSTRIAL & OPEN STORAGE AREA ALONG TSUEN WAN ROAD
 - LCA5 KWAI CHUNG SPORTS GROUND
 - LCA6 KWAI CHUNG ROAD INTERCHANGE
 - LCA7 KWAI CHUNG CONTAINER TERMINAL
 - LCA8 KWAI CHUNG PARK
- PROPOSED FLYOVER / FOOTBRIDGE
 - NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
 - NB1 5.5m HIGH VERTICAL BARRIER
 - NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
 - NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
 - 500m STUDY AREA
 - SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
 - MODERATELY ADVERSE POTENTIAL IMPACTS
 - SLIGHTLY ADVERSE POTENTIAL IMPACTS
 - INSUBSTANTIAL IMPACT

B	05/15	PLAND COMMENTS	LBJ	DMCH
A	06/14	AMEND NOISE BARRIER	LBJ	DMCH

Rev.	Date	Description	Drawn	Checked

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OFFICE NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

POTENTIAL LANDSCAPE IMPACTS WITHOUT MITIGATION IN CONSTRUCTION PHASE

Drawing No.	FIGURE 7.10			
Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	1:5000 (A3)	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





- LEGEND:**
- LR LANDSCAPE RESOURCE
 - LCA LANDSCAPE CHARACTER AREA
 - LR1 TREE PLANTING ALONG TSUEN WAN ROAD
 - LR2 TREE PLANTING AT KWAI CHUNG ROAD INTERCHANGE AREA
 - LR3 KWAI CHUNG PARK
 - LR4 PLANTING AT FOOTHILLS OF LAI KING HILL
 - LR5 LAI KING SPORTS CENTRE
 - LR6 KWAI SHUN STREET PLAYGROUND
 - LR7 KWAI CHUNG SPORTS GROUND
 - LR8 LANDSCAPED AREA IN KWAI FONG CORE AREA
 - LR9 KWAI YI ROAD PLAYGROUND
 - LR10 LAI KING HILL ROAD PLAYGROUND
 - LR11 LANDSCAPE AT RESIDENTIAL
 - LR12 LANDSCAPE AT SCHOOL CLINIC, AND OTHER PUBLIC BUILDING
 - LR13 MAN-MADE SLOPE
 - LR14 ROADSIDE PLANTING INSIDE CONTAINER TERMINAL
 - LR15 PLANTING AT HIGHLAND PARK
 - LR16 DSD KWAI CHUNG INDUSTRIAL WASTEWATER PUMPING STATION
 - LCA1 MIXED RESIDENTIAL AND COMMERCIAL SURROUNDING KWAI FONG MTR STATION
 - LCA2 RESIDENTIAL AT HIGHER LEVEL OF LAI KING HILL
 - LCA3 RESIDENTIAL AT LOWER LEVEL OF LAI KING HILL
 - LCA4 INDUSTRIAL & OPEN STORAGE AREA ALONG TSUEN WAN ROAD
 - LCA5 KWAI CHUNG SPORTS GROUND
 - LCA6 KWAI CHUNG ROAD INTERCHANGE
 - LCA7 KWAI CHUNG CONTAINER TERMINAL
 - LCA8 KWAI CHUNG PARK

- PROPOSED FLYOVER / FOOTBRIDGE
- PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL IMPACT

B	05/15	PLAND COMMENT	LBJ	DMCH
A	06/14	AMEND NOISE BARRIER	LBJ	DMCH

Rev.	Date	Description	Drawn	Checked

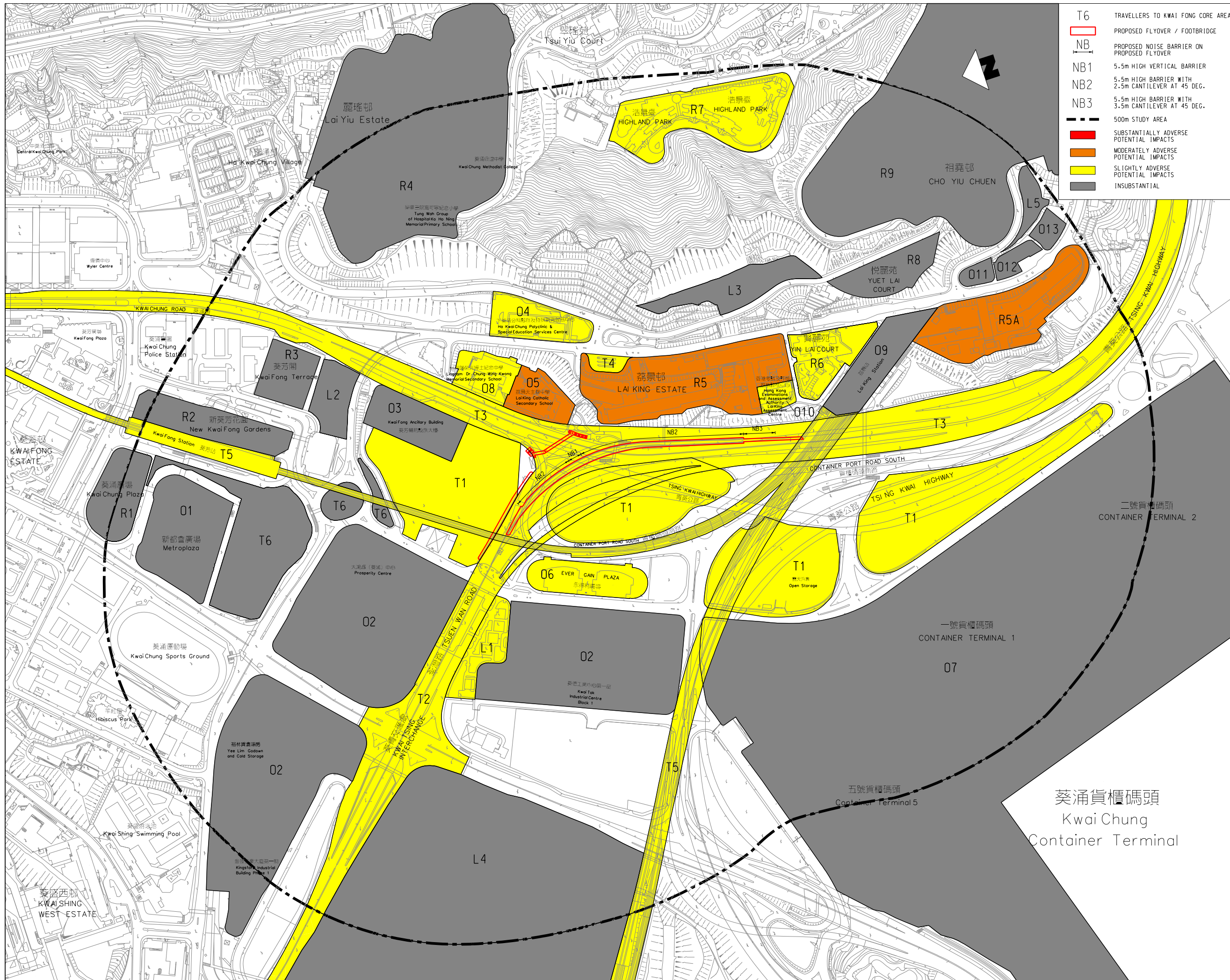
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OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

POTENTIAL LANDSCAPE IMPACTS WITHOUT MITIGATION IN OPERATION PHASE

Drawing No. 圖則編號		FIGURE 7.11	
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例 1:5000 (A3)
AYNS	HAX	AYNS	
Approved 校核	Date 日期	Status 校核	PRELIMINARY
KLC	02/14		





- T6 TRAVELLERS TO KWAI FONG CORE AREA
- PROPOSED FLYOVER / FOOTBRIDGE
- NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- RED SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- ORANGE MODERATELY ADVERSE POTENTIAL IMPACTS
- YELLOW SLIGHTLY ADVERSE POTENTIAL IMPACTS
- GREY INSUBSTANTIAL

- LEGEND:**
- R RESIDENTIAL VSR
 - O OCCUPATIONAL VSR
 - L VISITOR VSR
 - T TRAVELLER VSR
 - R1 RESIDENTS AT KWAI CHUNG PLAZA
 - R2 RESIDENTS AT NEW KWAI FONG GARDENS
 - R3 RESIDENTS AT KWAI FONG TERRACE
 - R4 RESIDENTS AT LAI YIU ESTATE
 - R5 RESIDENTS AT LAI KING ESTATE NORTH
 - R5A RESIDENTS AT LAI KING ESTATE SOUTH
 - R6 RESIDENTS AT YIN LAI COURT
 - R7 RESIDENTS AT HIGH LAND PARK
 - R8 RESIDENTS AT YUET LAI COURT
 - R9 RESIDENTS AT CHO YIU CHUEN
 - O1 WORKERS AT METROPLAZA
 - O2 WORKERS AT KWAI CHUNG INDUSTRIAL AREA
 - O3 WORKERS AT KWAI FONG ANCILLARY BUILDING
 - O4 STAFFS & VISITORS AT POLYCLINIC & SPECIAL EDUCATIONAL SERVICES
 - O5 STAFFS & STUDENTS AT LAI KING CATHOLIC SECONDARY SCHOOL
 - O6 WORKERS AT EVER GAIN PLAZA
 - O7 STAFFS AND WORKERS AT CONTAINER TERMINALS
 - O8 STAFFS AT LINGNAN DR. CHUNG WING KWONG MEMORIAL SECONDARY SCHOOL
 - O9 STAFFS AT LAI KING MTR STATION
 - O10 STAFFS AT LAI KING ASSESSMENT CENTRE
 - O11 STAFF AND VISITORS AT OUHK CITA LAI KING LEARNING CENTRE
 - O12 STAFF AND VISITORS TO LAI KING COMMUNITY HALL
 - O13 STAFF AND STUDENTS AT ASBURY METHODIST PRIMARY SCHOOL
 - L1 VISITORS TO KWAI SHUN STREET PLAYGROUND
 - L2 VISITORS TO KWAI YIP ROAD PLAYGROUND
 - L3 VISITORS TO LAI KING SPORTS CENTRE
 - L4 VISITORS TO KWAI CHUNG PARK
 - L5 VISITORS TO LAI KING HILL ROAD PLAYGROUND
 - T1 OPEN STORAGE AREA CAR PARK USERS
 - T2 PEDESTRIANS TRAVELLING ON STREET LEVEL UNDER KWAI CHUNG ROAD INTERCHANGE AREA
 - T3 COMMUTERS ON TSUEN WAN ROAD/KWAI CHUNG ROAD
 - T4 COMMUTERS AT LAI KING BUS TERMINUS
 - T5 COMMUTERS ON MTR

B	05/15	PLAND COMMENTS	HAX	AYNS
A	06/14	ADDED VSR & AMEND IMPACT	LBJ	DMCH

Rev.	Date	Description	Drawn	Checked
修訂	日期	內容摘要	繪圖	校核

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OFFICE NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

POTENTIAL VISUAL IMPACTS AND SENSITIVITIES WITHOUT MITIGATION IN CONSTRUCTION PHASE

Drawing No.	FIGURE 7.12			
Designated	Drawn	Checked	Scale	
AYNS	HAX	AYNS	1:5000 (A3)	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





- T6 TRAVELLERS TO KWAI FONG CORE AREA
- PROPOSED FLYOVER / FOOTBRIDGE
- NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL

- LEGEND:**
- R RESIDENTIAL VSR
 - O OCCUPATIONAL VSR
 - L VISITOR VSR
 - T TRAVELLER VSR
 - R1 RESIDENTS AT KWAI CHUNG PLAZA
 - R2 RESIDENTS AT NEW KWAI FONG GARDENS
 - R3 RESIDENTS AT KWAI FONG TERRACE
 - R4 RESIDENTS AT LAI YIU ESTATE
 - R5 RESIDENTS AT LAI KING ESTATE NORTH
 - R5A RESIDENTS AT LAI KING ESTATE SOUTH
 - R6 RESIDENTS AT YIN LAI COURT
 - R7 RESIDENTS AT HIGH LAND PARK
 - R8 RESIDENTS AT YUET LAI COURT
 - R9 RESIDENTS AT CHO YIU CHUEN
 - O1 WORKERS AT METROPLAZA
 - O2 WORKERS AT KWAI CHUNG INDUSTRIAL AREA
 - O3 WORKERS AT KWAI FONG ANCILLARY BUILDING
 - O4 STAFFS & VISITORS AT POLYCLINIC & SPECIAL EDUCATIONAL SERVICES
 - O5 STAFFS & STUDENTS AT LAI KING CATHOLIC SECONDARY SCHOOL
 - O6 WORKERS AT EVER GAIN PLAZA
 - O7 STAFFS AND WORKERS AT CONTAINER TERMINALS
 - O8 STAFFS AT LINGNAN DR. CHUNG WING KWONG MEMORIAL SECONDARY SCHOOL
 - O9 STAFFS AT LAI KING MTR STATION
 - O10 STAFFS AT LAI KING ASSESSMENT CENTRE
 - O11 STAFF AND VISITORS AT OUHK CITA LAI KING LEARNING CENTRE
 - O12 STAFF AND VISITORS TO LAI KING COMMUNITY HALL
 - O13 STAFF AND STUDENTS AT ASBURY METHODIST PRIMARY SCHOOL
 - L1 VISITORS TO KWAI SHUN STREET PLAYGROUND
 - L2 VISITORS TO KWAI YIP ROAD PLAYGROUND
 - L3 VISITORS TO LAI KING SPORTS CENTRE
 - L4 VISITORS TO KWAI CHUNG PARK
 - L5 VISITORS TO LAI KING HILL ROAD PLAYGROUND
 - T1 OPEN STORAGE AREA CAR PARK USERS
 - T2 PEDESTRIANS TRAVELLING ON STREET LEVEL UNDER KWAI CHUNG ROAD INTERCHANGE AREA
 - T3 COMMUTERS ON TSUEN WAN ROAD/KWAI CHUNG ROAD
 - T4 COMMUTERS AT LAI KING BUS TERMINUS
 - T5 COMMUTERS ON MTR

B	05/15	PLAND COMMENTS	HAX	AYNS
A	06/14	ADDED VSR & AMEND IMPACT	LBJ	DMCH

Rev.	Date	Description	Drawn	Checked

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OFFICE NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

POTENTIAL VISUAL IMPACTS AND SENSITIVITIES WITHOUT MITIGATION IN OPERATION PHASE

Drawing No.	FIGURE 7.13			
Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	1:5000 (A3)	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		





- LEGEND:**
- LR LANDSCAPE RESOURCE
 - LCA LANDSCAPE CHARACTER AREA
 - LR1 TREE PLANTING ALONG TSUEN WAN ROAD
 - LR2 TREE PLANTING AT KWAI CHUNG ROAD INTERCHANGE AREA
 - LR3 KWAI CHUNG PARK
 - LR4 PLANTING AT FOOTHILLS OF LAI KING HILL
 - LR5 LAI KING SPORTS CENTRE
 - LR6 KWAI SHUN STREET PLAYGROUND
 - LR7 KWAI CHUNG SPORTS GROUND
 - LR8 LANDSCAPED AREA IN KWAI FONG CORE AREA
 - LR9 KWAI YI ROAD PLAYGROUND
 - LR10 LAI KING HILL ROAD PLAYGROUND
 - LR11 LANDSCAPE AT RESIDENTIAL
 - LR12 LANDSCAPE AT SCHOOL CLINIC, AND OTHER PUBLIC BUILDING
 - LR13 MAN-MADE SLOPE
 - LR14 ROADSIDE PLANTING INSIDE CONTAINER TERMINAL
 - LR15 PLANTING AT HIGHLAND PARK
 - LR16 DSD KWAI CHUNG INDUSTRIAL WASTEWATER PUMPING STATION
 - LCA1 MIXED RESIDENTIAL AND COMMERCIAL SURROUNDING KWAI FONG MTR STATION
 - LCA2 RESIDENTIAL AT HIGHER LEVEL OF LAI KING HILL
 - LCA3 RESIDENTIAL AT LOWER LEVEL OF LAI KING HILL
 - LCA4 INDUSTRIAL & OPEN STORAGE AREA ALONG TSUEN WAN ROAD
 - LCA5 KWAI CHUNG SPORTS GROUND
 - LCA6 KWAI CHUNG ROAD INTERCHANGE
 - LCA7 KWAI CHUNG CONTAINER TERMINAL
 - LCA8 KWAI CHUNG PARK

- PROPOSED FLYOVER / FOOTBRIDGE
- PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL IMPACT

B	05/15	PLAND COMMENTS	LBJ	DMCH
A	06/14	MINOR AMENDMENT	LBJ	DMCH

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核

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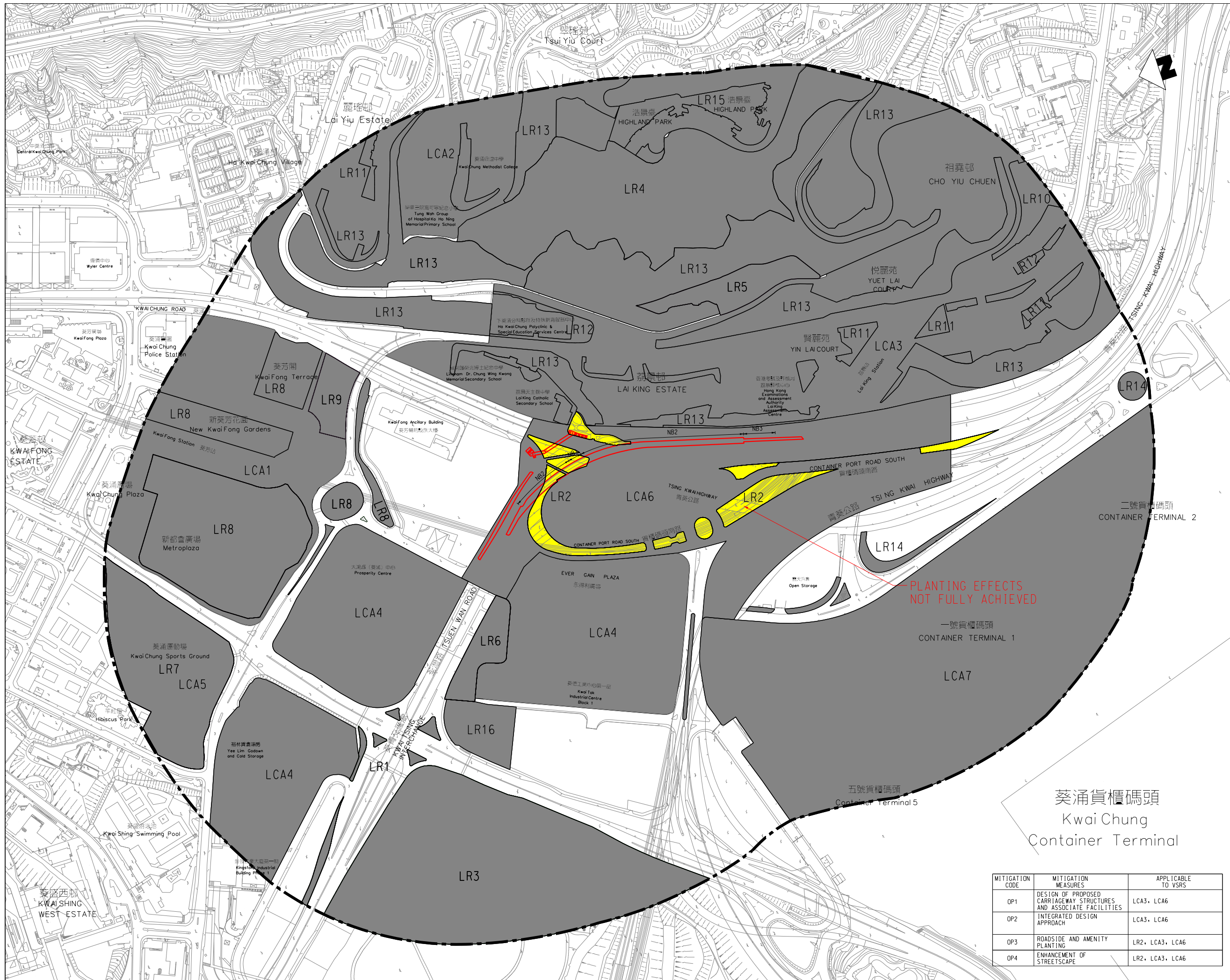
OFFICE NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

RESIDUAL LANDSCAPE IMPACTS AND SENSITIVITIES WITH MITIGATION IN CONSTRUCTION PHASE

Drawing No. 圖則編號	FIGURE 7.14			
Designed 設計	Drawn 繪圖	Checked 校核	Scale 比例 1:5000 (A3)	
AYNS	HAX	AYNS	Date 日期	Status 狀態
Approved 批准	KLC		02/14	PRELIMINARY

MITIGATION CODE	MITIGATION MEASURES	APPLICABLE TO VSR
CP1	DEVELOPMENT SITE AND TEMPORARY WORKS AREAS	LR2, LCA3, LCA6
CP2	MITIGATION PLANTING	LR2, LCA3, LCA6





- LEGEND:**
- LR LANDSCAPE RESOURCE
 - LCA LANDSCAPE CHARACTER AREA
 - LR1 TREE PLANTING ALONG TSUEN WAN ROAD
 - LR2 TREE PLANTING AT KWAI CHUNG ROAD INTERCHANGE AREA
 - LR3 KWAI CHUNG PARK
 - LR4 PLANTING AT FOOTHILLS OF LAI KING HILL
 - LR5 LAI KING SPORTS CENTRE
 - LR6 KWAI SHUN STREET PLAYGROUND
 - LR7 KWAI CHUNG SPORTS GROUND
 - LR8 LANDSCAPED AREA IN KWAI FONG CORE AREA
 - LR9 KWAI YI ROAD PLAYGROUND
 - LR10 LAI KING HILL ROAD PLAYGROUND
 - LR11 LANDSCAPE AT RESIDENTIAL
 - LR12 LANDSCAPE AT SCHOOL CLINIC, AND OTHER PUBLIC BUILDING
 - LR13 MAN-MADE SLOPE
 - LR14 ROADSIDE PLANTING INSIDE CONTAINER TERMINAL
 - LR15 PLANTING AT HIGHLAND PARK
 - LR16 DSD KWAI CHUNG INDUSTRIAL WASTEWATER PUMPING STATION
 - LCA1 MIXED RESIDENTIAL AND COMMERCIAL SURROUNDING KWAI FONG MTR STATION
 - LCA2 RESIDENTIAL AT HIGHER LEVEL OF LAI KING HILL
 - LCA3 RESIDENTIAL AT LOWER LEVEL OF LAI KING HILL
 - LCA4 INDUSTRIAL & OPEN STORAGE AREA ALONG TSUEN WAN ROAD
 - LCA5 KWAI CHUNG SPORTS GROUND
 - LCA6 KWAI CHUNG ROAD INTERCHANGE
 - LCA7 KWAI CHUNG CONTAINER TERMINAL
 - LCA8 KWAI CHUNG PARK

- PROPOSED FLYOVER / FOOTBRIDGE
- PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL IMPACT
- SLIGHTLY BENEFICIAL IMPACT

Rev.	Date	Description	Drawn	Checked
A	05/15	PLAND COMMENT	LBJ	DMCH

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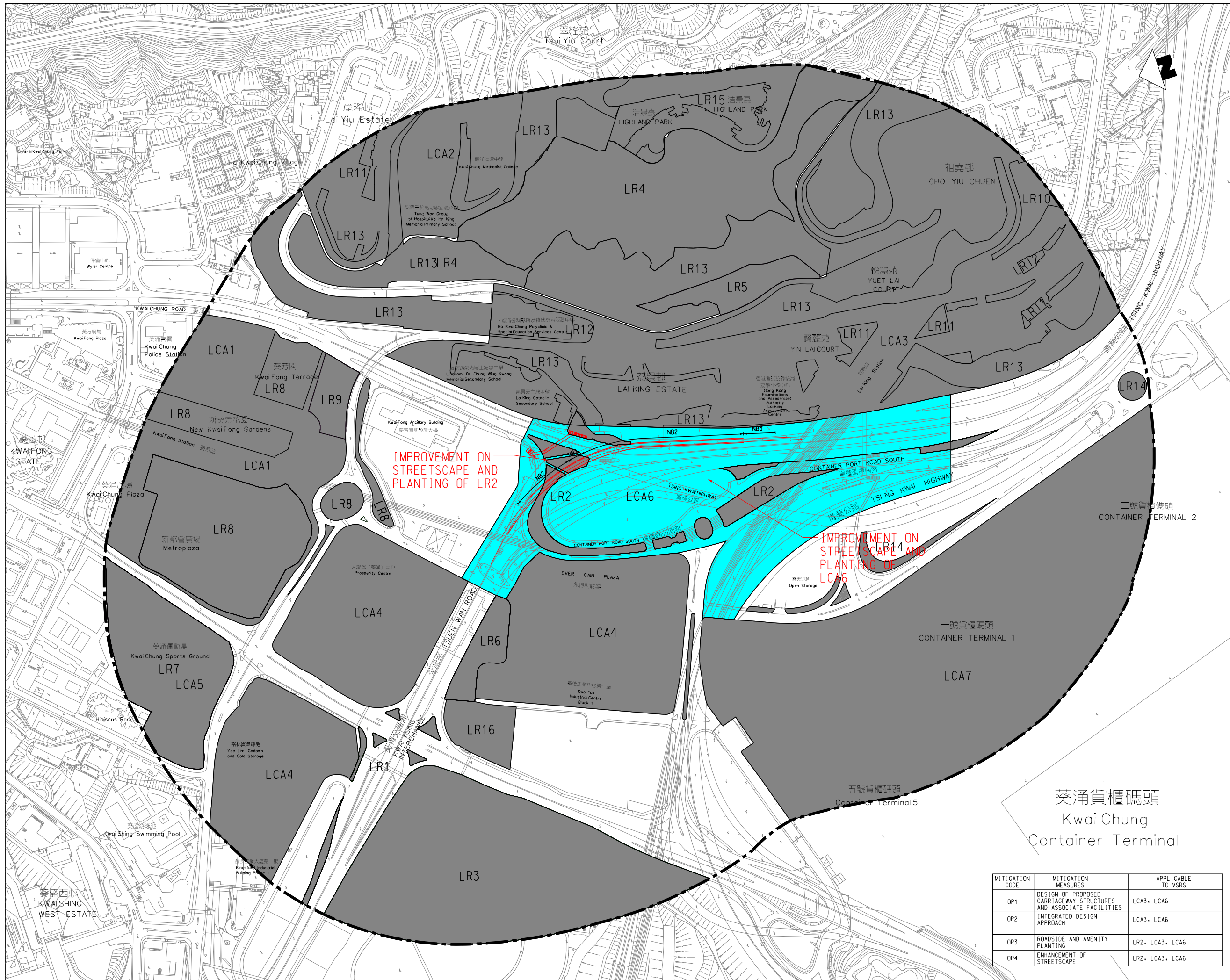
OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE

AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UP RAMP TO KWAI CHUNG ROAD - INVESTIGATION

RESIDUAL LANDSCAPE IMPACTS AND SENSITIVITIES WITH MITIGATION IN OPERATION PHASE (DAY 1)

Drawing No. 圖則編號				FIGURE 7.15A			
Designed 設計	AYNS	Drawn 繪圖	HAX	Checked 校核	AYNS	Scale 比例	1:25000 (A3)
Approved 校核	KLC	Date 日期	02/14	Status 校核	PRELIMINARY		

MITIGATION CODE	MITIGATION MEASURES	APPLICABLE TO VSRS
OP1	DESIGN OF PROPOSED CARRIAGEWAY STRUCTURES AND ASSOCIATE FACILITIES	LCA3, LCA6
OP2	INTEGRATED DESIGN APPROACH	LCA3, LCA6
OP3	ROADSIDE AND AMENITY PLANTING	LR2, LCA3, LCA6
OP4	ENHANCEMENT OF STREETScape	LR2, LCA3, LCA6



- LEGEND:**
- LR LANDSCAPE RESOURCE
 - LCA LANDSCAPE CHARACTER AREA
 - LR1 TREE PLANTING ALONG TSUEN WAN ROAD
 - LR2 TREE PLANTING AT KWAI CHUNG ROAD INTERCHANGE AREA
 - LR3 KWAI CHUNG PARK
 - LR4 PLANTING AT FOOTHILLS OF LAI KING HILL
 - LR5 LAI KING SPORTS CENTRE
 - LR6 KWAI SHUN STREET PLAYGROUND
 - LR7 KWAI CHUNG SPORTS GROUND
 - LR8 LANDSCAPED AREA IN KWAI FONG CORE AREA
 - LR9 KWAI YI ROAD PLAYGROUND
 - LR10 LAI KING HILL ROAD PLAYGROUND
 - LR11 LANDSCAPE AT RESIDENTIAL LANDSCAPE AT SCHOOL CLINIC, AND OTHER PUBLIC BUILDING
 - LR12
 - LR13 MAN-MADE SLOPE
 - LR14 ROADSIDE PLANTING INSIDE CONTAINER TERMINAL
 - LR15 PLANTING AT HIGHLAND PARK
 - LR16 DSD KWAI CHUNG INDUSTRIAL WASTEWATER PUMPING STATION
 - LCA1 MIXED RESIDENTIAL AND COMMERCIAL SURROUNDING KWAI FONG MTR STATION
 - LCA2 RESIDENTIAL AT HIGHER LEVEL OF LAI KING HILL
 - LCA3 RESIDENTIAL AT LOWER LEVEL OF LAI KING HILL
 - LCA4 INDUSTRIAL & OPEN STORAGE AREA ALONG TSUEN WAN ROAD
 - LCA5 KWAI CHUNG SPORTS GROUND
 - LCA6 KWAI CHUNG ROAD INTERCHANGE
 - LCA7 KWAI CHUNG CONTAINER TERMINAL
 - LCA8 KWAI CHUNG PARK

- PROPOSED FLYOVER / FOOTBRIDGE
- PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL IMPACT
- SLIGHTLY BENEFICIAL IMPACT

Rev.	Date	Description	Drawn	Checked

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RESIDUAL LANDSCAPE IMPACTS AND SENSITIVITIES WITH MITIGATION IN OPERATION PHASE (YEAR 10)

Drawing No.	FIGURE 7.15B		
Designed	Drawn	Checked	Scale
AYNS	HAX	AYNS	1:5000 (A3)
Approved	Date	Status	
KLC	02/14	PRELIMINARY	

MITIGATION CODE	MITIGATION MEASURES	APPLICABLE TO VSRS
OP1	DESIGN OF PROPOSED CARRIAGEWAY STRUCTURES AND ASSOCIATE FACILITIES	LCA3, LCA6
OP2	INTEGRATED DESIGN APPROACH	LCA3, LCA6
OP3	ROADSIDE AND AMENITY PLANTING	LR2, LCA3, LCA6
OP4	ENHANCEMENT OF STREETScape	LR2, LCA3, LCA6



- T6 TRAVELLERS TO KWAI FONG CORE AREA
- PROPOSED FLYOVER / FOOTBRIDGE
- NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL

- LEGEND:**
- R RESIDENTIAL VSR
 - O OCCUPATIONAL VSR
 - L VISITOR VSR
 - T TRAVELLER VSR
 - R1 RESIDENTS AT KWAI CHUNG PLAZA GARDENS
 - R2 RESIDENTS AT NEW KWAI FONG GARDENS
 - R3 RESIDENTS AT KWAI FONG TERRACE
 - R4 RESIDENTS AT LAI YIU ESTATE
 - R5 RESIDENTS AT LAI KING ESTATE NORTH
 - R5A RESIDENTS AT LAI KING ESTATE SOUTH
 - R6 RESIDENTS AT YIN LAI COURT
 - R7 RESIDENTS AT HIGH LAND PARK
 - R8 RESIDENTS AT YUET LAI COURT
 - R9 RESIDENTS AT CHO YIU CHUEN
 - O1 WORKERS AT METROPLAZA
 - O2 WORKERS AT KWAI CHUNG INDUSTRIAL AREA
 - O3 WORKERS AT KWAI FONG ANCILLARY BUILDING
 - O4 STAFFS & VISITORS AT POLYCLINIC & SPECIAL EDUCATIONAL SERVICES
 - O5 STAFFS & STUDENTS AT LAI KING CATHOLIC SECONDARY SCHOOL
 - O6 WORKERS AT EVER GAIN PLAZA
 - O7 STAFFS AND WORKERS AT CONTAINER TERMINALS
 - O8 STAFFS AT LINGNAN DR. CHUNG WING KWONG MEMORIAL SECONDARY SCHOOL
 - O9 STAFFS AT LAI KING MTR STATION
 - O10 STAFFS AT LAI KING ASSESSMENT CENTRE
 - O11 STAFF AND VISITORS AT OUHK CITA LAI KING LEARNING CENTRE
 - O12 STAFF AND VISITORS TO LAI KING COMMUNITY HALL
 - O13 STAFF AND STUDENTS AT ASBURY METHODIST PRIMARY SCHOOL
 - L1 VISITORS TO KWAI SHUN STREET PLAYGROUND
 - L2 VISITORS TO KWAI YIP ROAD PLAYGROUND
 - L3 VISITORS TO LAI KING SPORTS CENTRE
 - L4 VISITORS TO KWAI CHUNG PARK
 - L5 VISITORS TO LAI KING HILL ROAD PLAYGROUND
 - T1 OPEN STORAGE AREA CAR PARK USERS
 - T2 PEDESTRIANS TRAVELLING ON STREET LEVEL UNDER KWAI CHUNG ROAD INTERCHANGE AREA
 - T3 COMMUTERS ON TSUEN WAN ROAD/KWAI CHUNG ROAD
 - T4 COMMUTERS AT LAI KING BUS TERMINUS
 - T5 COMMUTERS ON MTR

B	05/15	PLAND COMMENTS	HAX	AYNS
A	06/14	ADDED VSR & AMEND IMPACT	LBJ	DMCH

Rev.	Date	Description	Drawn	Checked

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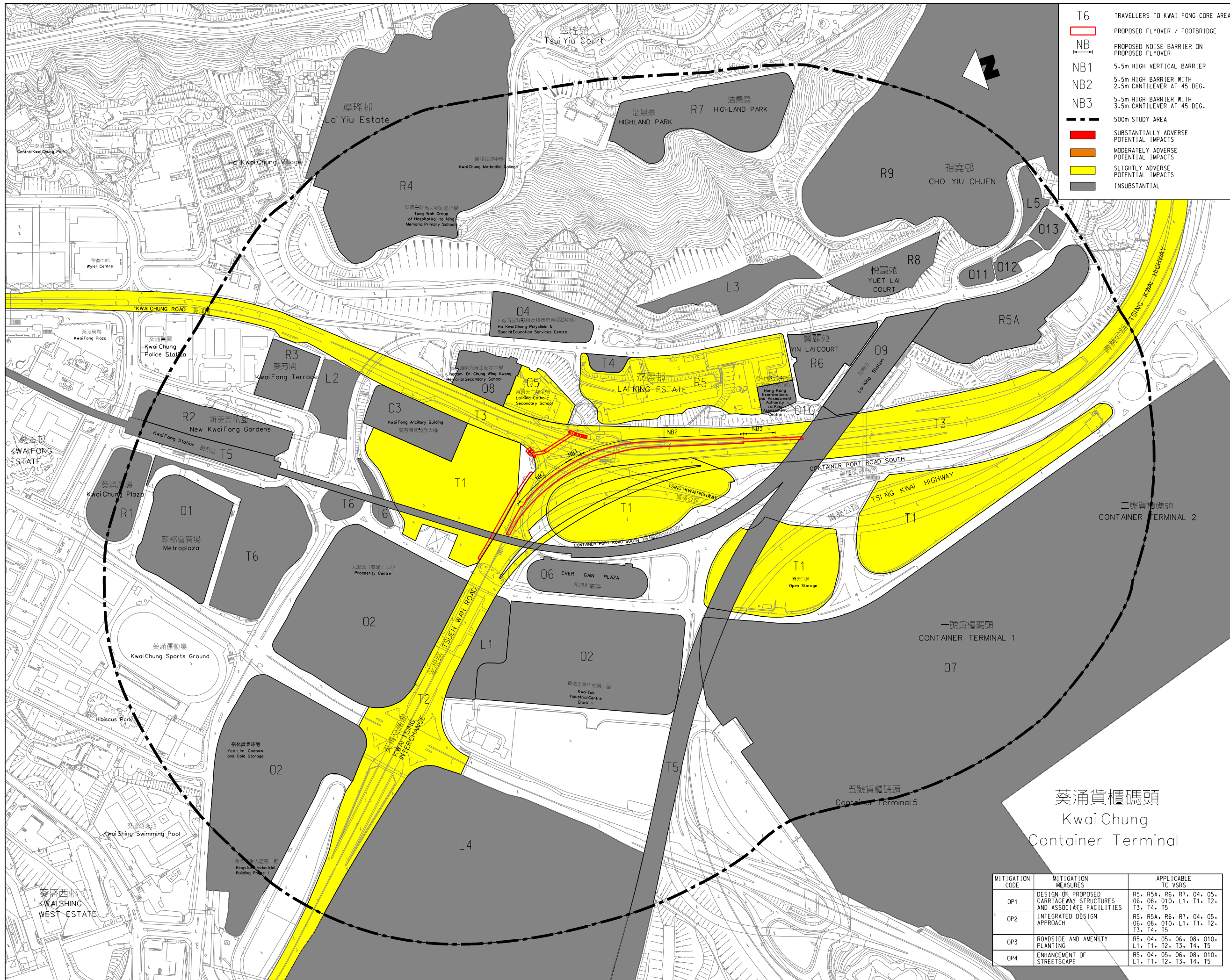
OFFICE NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD - INVESTIGATION

RESIDUAL VISUAL IMPACTS AND SENSITIVITIES WITH MITIGATION IN CONSTRUCTION PHASE

Drawing No.	FIGURE 7.16			
Design No.	AYNS	HAX	AYNS	Scale 1:5000 (A3)
Approved	KLC	Date 02/14	Status PRELIMINARY	



MITIGATION CODE	MITIGATION MEASURES	APPLICABLE TO VSR
CP1	DEVELOPMENT SITE AND TEMPORARY WORKS AREAS	R5, R5A, R6, R7, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
CP2	MITIGATION PLANTING	R5, R5A, R6, R7, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5



- T6 TRAVELLERS TO KWAI FONG CORE AREA
- PROPOSED FLYOVER / FOOTBRIDGE
- NB PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL

- LEGEND:**
- R RESIDENTIAL VSR
 - O OCCUPATIONAL VSR
 - L VISITOR VSR
 - T TRAVELLER VSR
 - R1 RESIDENTS AT KWAI CHUNG PLAZA
 - R2 RESIDENTS AT NEW KWAI FONG GARDENS
 - R3 RESIDENTS AT KWAI FONG TERRACE
 - R4 RESIDENTS AT LAI YIU ESTATE
 - R5 RESIDENTS AT LAI KING ESTATE NORTH
 - R5A RESIDENTS AT LAI KING ESTATE SOUTH
 - R6 RESIDENTS AT YIN LAI COURT
 - R7 RESIDENTS AT HIGH LAND PARK
 - R8 RESIDENTS AT YUET LAI COURT
 - R9 RESIDENTS AT CHO YIU CHUEN
 - O1 WORKERS AT METROPLAZA
 - O2 WORKERS AT KWAI CHUNG INDUSTRIAL AREA
 - O3 WORKERS AT KWAI FONG ANCILLARY BUILDING
 - O4 STAFFS & VISITORS AT POLYCLINIC & SPECIAL EDUCATIONAL SERVICES
 - O5 STAFFS & STUDENTS AT LAI KING CATHOLIC SECONDARY SCHOOL
 - O6 WORKERS AT EVER GAIN PLAZA
 - O7 STAFFS AND WORKERS AT CONTAINER TERMINALS
 - O8 STAFFS AT LINGNAN DR. CHUNG WING KWONG MEMORIAL SECONDARY SCHOOL
 - O9 STAFFS AT LAI KING MTR STATION
 - O10 STAFFS AT LAI KING ASSESSMENT CENTRE
 - O11 STAFF AND VISITORS AT OUHK CITA LAI KING LEARNING CENTRE
 - O12 STAFF AND VISITORS TO LAI KING COMMUNITY HALL
 - O13 STAFF AND STUDENTS AT ASBURY METHODIST PRIMARY SCHOOL
 - L1 VISITORS TO KWAI SHUN STREET PLAYGROUND
 - L2 VISITORS TO KWAI YIP ROAD PLAYGROUND
 - L3 VISITORS TO LAI KING SPORTS CENTRE
 - L4 VISITORS TO KWAI CHUNG PARK
 - L5 VISITORS TO LAI KING HILL ROAD PLAYGROUND
 - T1 OPEN STORAGE AREA CAR PARK USERS
 - T2 PEDESTRIANS TRAVELLING ON STREET LEVEL UNDER KWAI CHUNG ROAD INTERCHANGE AREA
 - T3 COMMUTERS ON TSUEN WAN ROAD/KWAI CHUNG ROAD
 - T4 COMMUTERS AT LAI KING BUS TERMINUS
 - T5 COMMUTERS ON MTR

Rev.	Date	Description	Drawn	Checked
A	05/15	PLANDB COMMENT	LBJ	DMCH

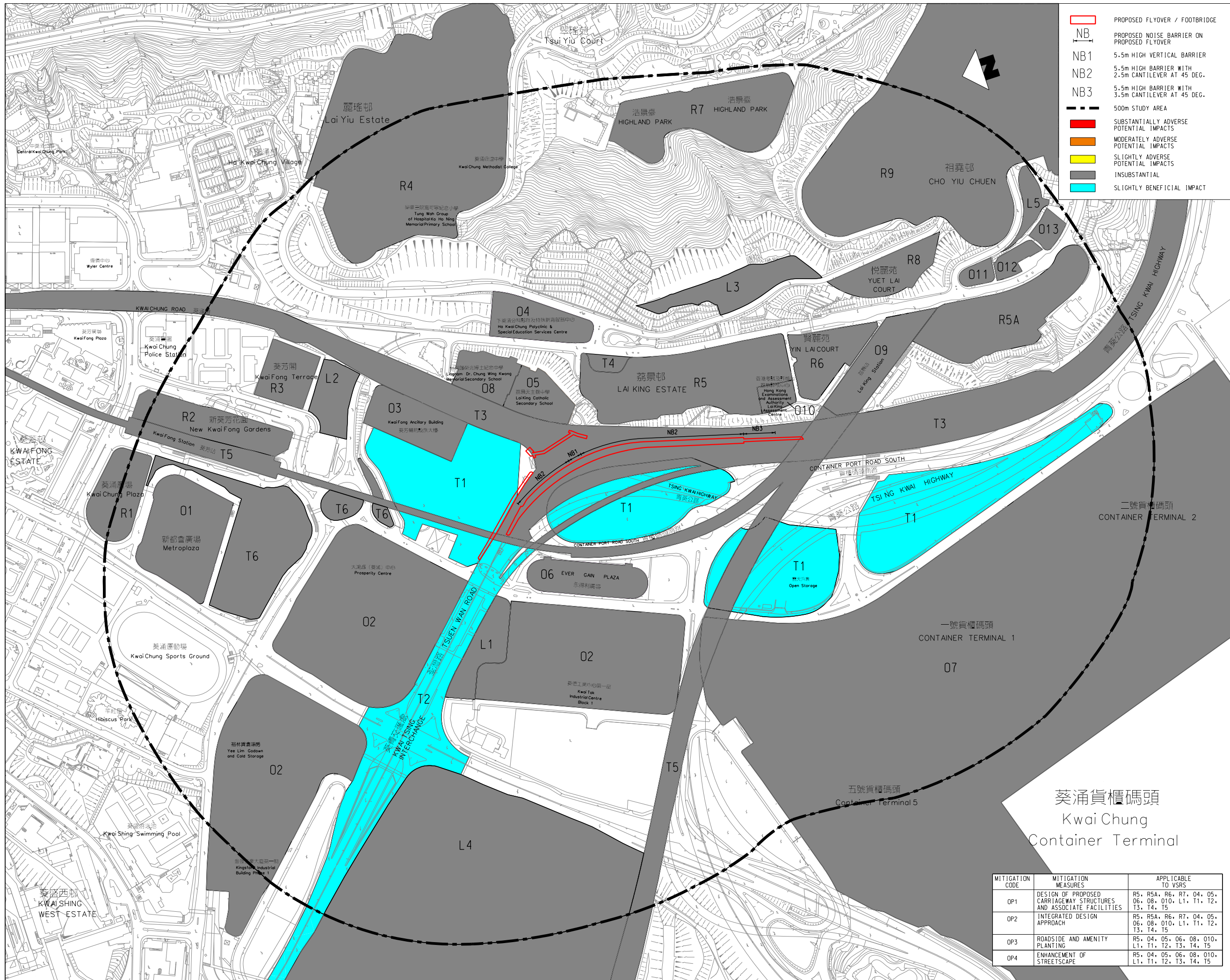
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 OFFICE: NEW TERRITORIES NORTH AND WEST DEVELOPMENT OFFICE
 AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD - INVESTIGATION

RESIDUAL VISUAL IMPACTS AND SENSITIVITIES WITH MITIGATION IN OPERATION PHASE (DAY 1)

Drawing No.	FIGURE 7.17A			
Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	1:5000 (A3)	
Approved	Date	Status		
KLC	02/14	PRELIMINARY		

MITIGATION CODE	MITIGATION MEASURES	APPLICABLE TO VSRS
OP1	DESIGN OF PROPOSED CARRIAGEWAY STRUCTURES AND ASSOCIATE FACILITIES	R5, R5A, R6, R7, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
OP2	INTEGRATED DESIGN APPROACH	R5, R5A, R6, R7, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
OP3	ROADSIDE AND AMENITY PLANTING	R5, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
OP4	ENHANCEMENT OF STREETScape	R5, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5





- PROPOSED FLYOVER / FOOTBRIDGE
- PROPOSED NOISE BARRIER ON PROPOSED FLYOVER
- NB1 5.5m HIGH VERTICAL BARRIER
- NB2 5.5m HIGH BARRIER WITH 2.5m CANTILEVER AT 45 DEG.
- NB3 5.5m HIGH BARRIER WITH 3.5m CANTILEVER AT 45 DEG.
- 500m STUDY AREA
- SUBSTANTIALLY ADVERSE POTENTIAL IMPACTS
- MODERATELY ADVERSE POTENTIAL IMPACTS
- SLIGHTLY ADVERSE POTENTIAL IMPACTS
- INSUBSTANTIAL
- SLIGHTLY BENEFICIAL IMPACT

- LEGEND:**
- R RESIDENTIAL VSR
 - O OCCUPATIONAL VSR
 - L VISITOR VSR
 - T TRAVELLER VSR
 - R1 RESIDENTS AT KWAI CHUNG PLAZA
 - R2 RESIDENTS AT NEW KWAI FONG GARDENS
 - R3 RESIDENTS AT KWAI FONG TERRACE
 - R4 RESIDENTS AT LAI YIU ESTATE
 - R5 RESIDENTS AT LAI KING ESTATE NORTH
 - R5A RESIDENTS AT LAI KING ESTATE SOUTH
 - R6 RESIDENTS AT YIN LAI COURT
 - R7 RESIDENTS AT HIGH LAND PARK
 - R8 RESIDENTS AT YUET LAI COURT
 - R9 RESIDENTS AT CHO YIU CHUEN
 - O1 WORKERS AT METROPLAZA
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 - O4 STAFFS & VISITORS AT POLYCLINIC & SPECIAL EDUCATIONAL SERVICES
 - O5 STAFFS & STUDENTS AT LAI KING CATHOLIC SECONDARY SCHOOL
 - O6 WORKERS AT EVER GAIN PLAZA
 - O7 STAFFS AND WORKERS AT CONTAINER TERMINALS
 - O8 STAFFS AT LINGNAN DR. CHUNG WING KWONG MEMORIAL SECONDARY SCHOOL
 - O9 STAFFS AT LAI KING MTR STATION
 - O10 STAFFS AT LAI KING ASSESSMENT CENTRE
 - O11 STAFF AND VISITORS AT OUHK CITA LAI KING LEARNING CENTRE
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 - L1 VISITORS TO KWAI SHUN STREET PLAYGROUND
 - L2 VISITORS TO KWAI YIP ROAD PLAYGROUND
 - L3 VISITORS TO LAI KING SPORTS CENTRE
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 - T1 OPEN STORAGE AREA CAR PARK USERS
 - T2 PEDESTRIANS TRAVELLING ON STREET LEVEL UNDER KWAI CHUNG ROAD INTERCHANGE AREA
 - T3 COMMUTERS ON TSUEN WAN ROAD/KWAI CHUNG ROAD
 - T4 COMMUTERS AT LAI KING BUS TERMINUS
 - T5 COMMUTERS ON MTR
 - T6 TRAVELLERS TO KWAI FONG CORE AREA

Rev.	Date	Description	Drawn	Checked
A	05/15	PLANB COMMENT	LBJ	DMCH

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AGREEMENT NO. CE 8/2012 (HY)
 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD - INVESTIGATION

RESIDUAL VISUAL IMPACTS AND SENSITIVITIES WITH MITIGATION IN OPERATION PHASE (YEAR 10)

Drawing No. **FIGURE 7.17B**

Designed 設計	AYNS	Drawn 繪圖	HAX	Checked 校核	AYNS	Scale 比例	1:5000 (A3)
Approved 批准	KLC	Date 日期	02/14	Status 狀態	PRELIMINARY		



MITIGATION CODE	MITIGATION MEASURES	APPLICABLE TO VSRS
OP1	DESIGN OF PROPOSED CARRIAGEWAY STRUCTURES AND ASSOCIATE FACILITIES	R5, R5A, R6, R7, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
OP2	INTEGRATED DESIGN APPROACH	R5, R5A, R6, R7, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
OP3	ROADSIDE AND AMENITY PLANTING	R5, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5
OP4	ENHANCEMENT OF STREETScape	R5, O4, O5, O6, O8, O10, L1, T1, T2, T3, T4, T5



CASE 1 - EXISTING ROADS NEAR KWAI TSING INTERCHANGE UP-RAMP, TSUEN WAN ROAD AND KWAI CHUNG ROAD



CASE 2 - PROPOSED FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD

DAY 1 OPERATION WITHOUT MITIGATION MEASURE



CASE 3 - PROPOSED FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD

DAY 1 OPERATION WITH MITIGATION MEASURES



CASE 4 - PROPOSED FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD

YEAR 10 OPERATION WITH MITIGATION MEASURES

Rev.	Date	Description	Drawn	Checked
B	DEC14	MINOR AMENDMENT	LBJ	AYNS
A	OCT14	MINOR AMENDMENT	LBJ	AYNS

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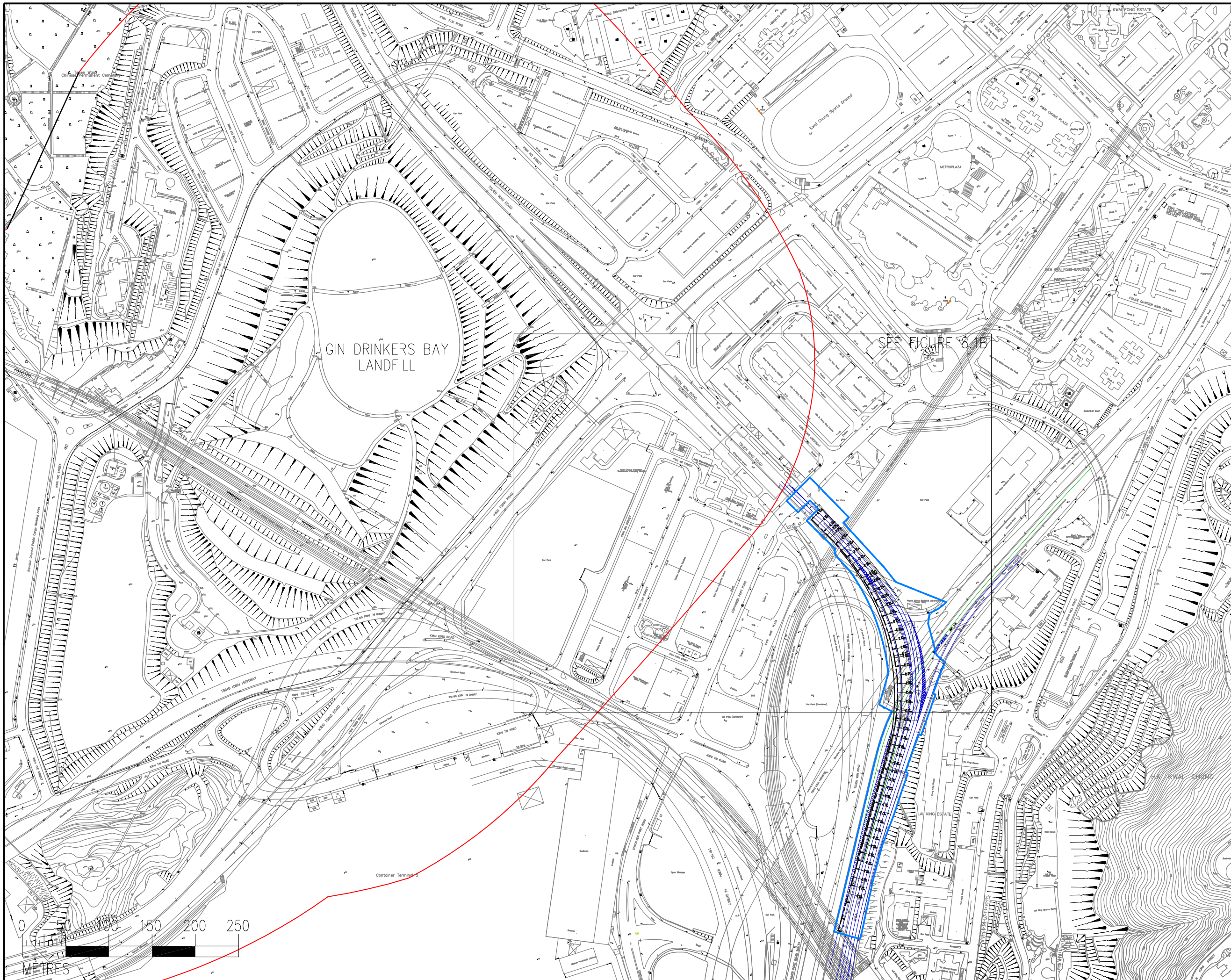
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FLYOVER FROM KWAI TSING
INTERCHANGE UP-RAMP TO
KWAI CHUNG ROAD - INVESTIGATION

PHOTOMONTAGES OF
PROPOSED FLYOVER FROM
KWAI TSING INTERCHANGE
UP-RAMP TO KWAI CHUNG ROAD

Designed	Drawn	Checked	Scale	
AYNS	HAX	AYNS	N.T.S.	
Approved	Date	Status		
KLC	12/14	PRELIMINARY		

FIGURE 7.18

AECOM



- GIN DRINKERS BAY LANDFILL 250m CONSULTATION ZONE
- PROJECT CONSTRUCTION BOUNDARY

SEE FIGURE 8.1B

GIN DRINKERS BAY LANDFILL

Rev. 修訂	Date 日期	Description 內容摘要	Drawn 繪圖	Checked 校核

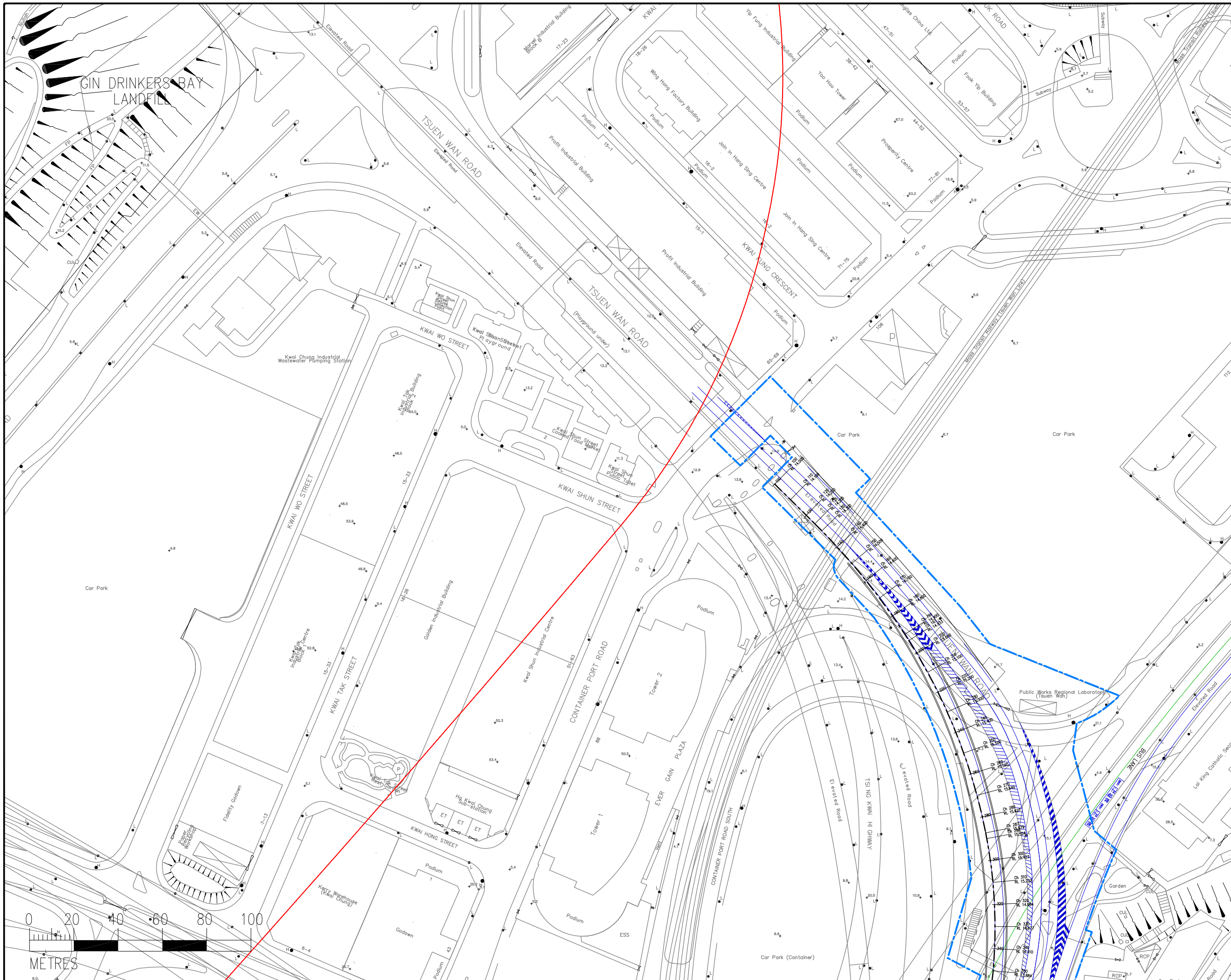
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 FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

GIN DRINKERS BAY LANDFILL CONSULTATION ZONE AND PROJECT CONSTRUCTION BOUNDARY

Drawing No. 圖則編號		FIGURE 8.1A			
Designed 設計	FYS 繪圖	Drawn 繪圖	Checked 校核	Scale 比例	Status 狀況
FYS	FYS	TWKW	TWKW	AS SHOWN	FINAL
Approved 批准	ICWR	Date 日期	10/14	Status 狀況	FINAL





- GIN DRINKERS BAY LANDFILL 250m CONSULTATION ZONE
- PROJECT CONSTRUCTION BOUNDARY

Rev.	Date	Description	Drawn	Checked

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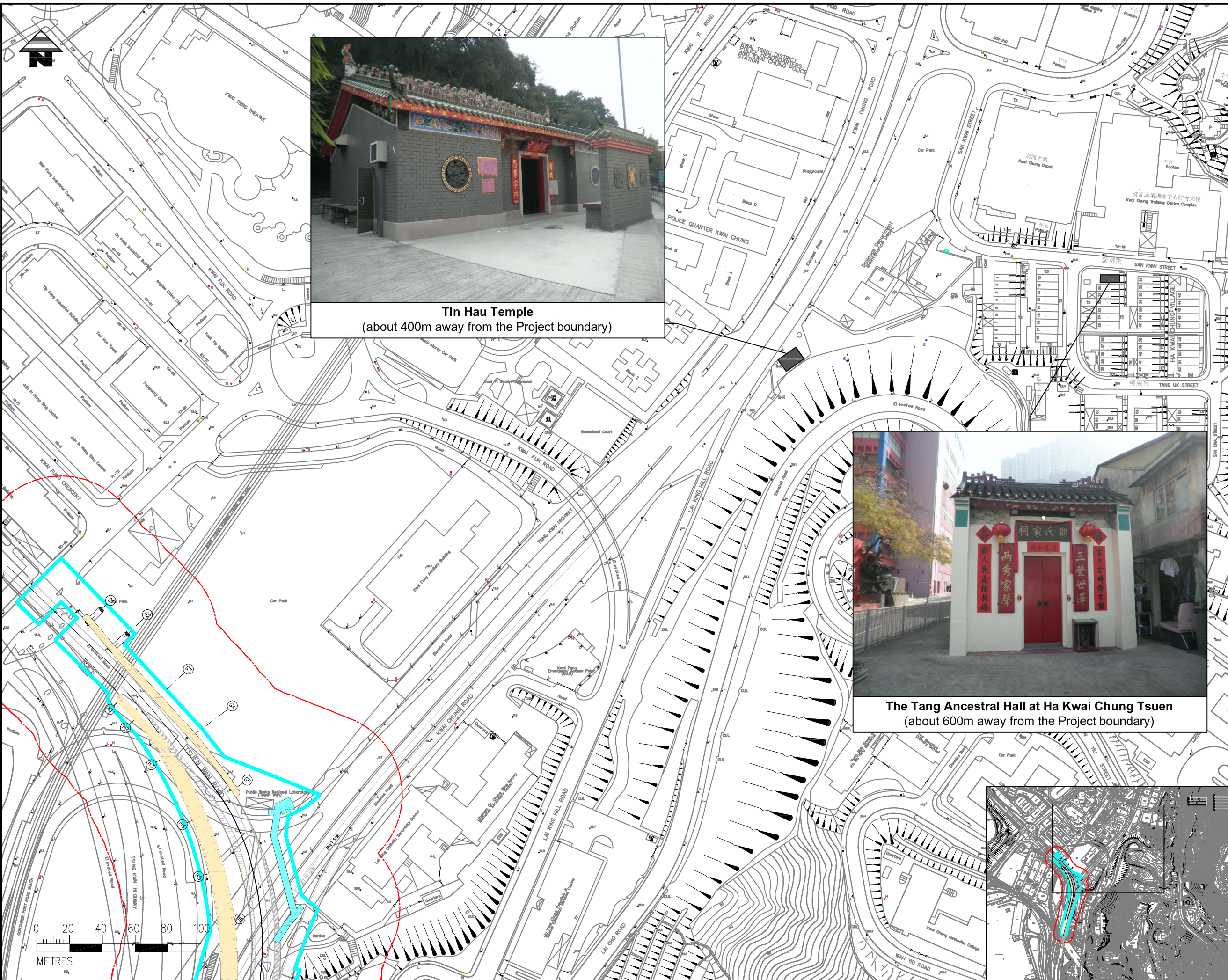
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 FLYOVER FROM KWAI TSING INTERCHANGE UP-RAMP TO KWAI CHUNG ROAD – INVESTIGATION

GIN DRINKERS BAY LANDFILL CONSULTATION ZONE AND PROJECT CONSTRUCTION BOUNDARY

Drawing No.	FIGURE 8.1B			
Designed	Drawn	Checked	Scale	AS SHOWN
FYS	FYS	TWKW	比例	
Approved	Date	Status		
ICWR	10/14			FINAL

AECOM



- LEGEND:**
- PROJECT BOUNDARY
 - - - ASSESSMENT AREA (50M FROM PROJECT BOUNDARY)
 - BUILT HERITAGE



Tin Hau Temple
(about 400m away from the Project boundary)



The Tang Ancestral Hall at Ha Kwai Chung Tsuen
(about 600m away from the Project boundary)

Rev	Date	Description	Drawn	Checked

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AGREEMENT NO. CE 8/2012 (HY)
FLYOVER FROM KWAI TSING INTERCHANGE UPRAMP TO KWAI CHUNG ROAD – INVESTIGATION

ASSESSMENT AREA FOR CULTURAL HERITAGE

Drawing No.		FIGURE 9.1	
Designed: DCYO	Drawn: DCYO	Checked: TWKW	Scale: AS SHOWN
Approved: ICWR	Date: 07/14	Status: 提交	FINAL

