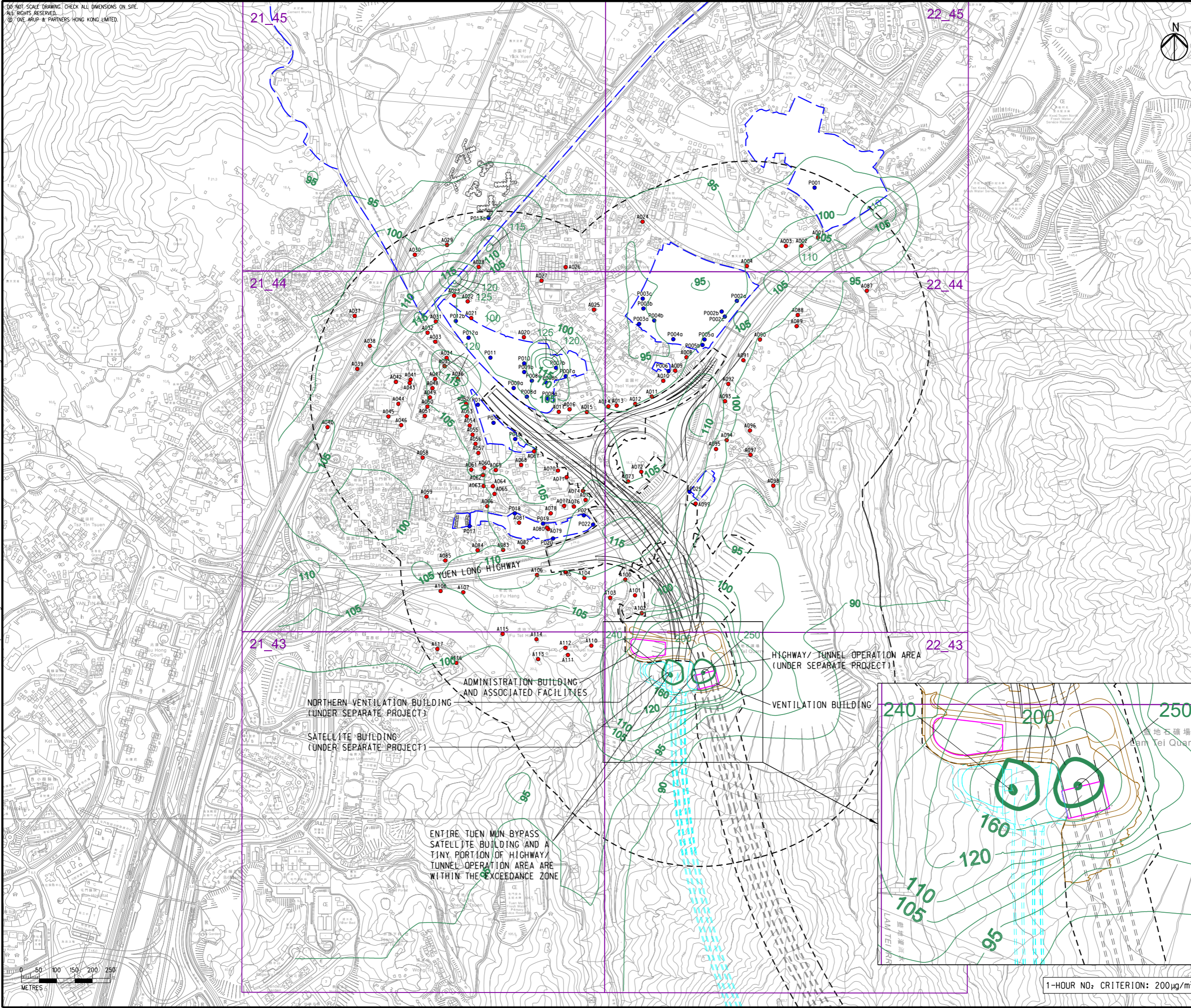


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IA Report\Figure 3.6a - Contours 1hr NO2 (Year 2048) in Lam Tei.dgn

23/8/2023

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 200- NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

C	THIRD ISSUE	GL	08/23
B	SECOND ISSUE	GL	07/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

Consultant  
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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 1-HOUR NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN LAM TEI**

Drawing no. <b>FIGURE 3.6a</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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NORTHERN VENTILATION BUILDING (UNDER SEPARATE PROJECT)  
 ADMINISTRATION BUILDING AND ASSOCIATED FACILITIES  
 SATELLITE BUILDING (UNDER SEPARATE PROJECT)

ENTIRE TUEN MUN BYPASS SATELLITE BUILDING AND A TINY PORTION OF HIGHWAY/ TUNNEL OPERATION AREA ARE WITHIN THE EXCEEDANCE ZONE

HIGHWAY/ TUNNEL OPERATION AREA (UNDER SEPARATE PROJECT)

VENTILATION BUILDING

1-HOUR NO<sub>2</sub> CRITERION: 200 µg/m<sup>3</sup>

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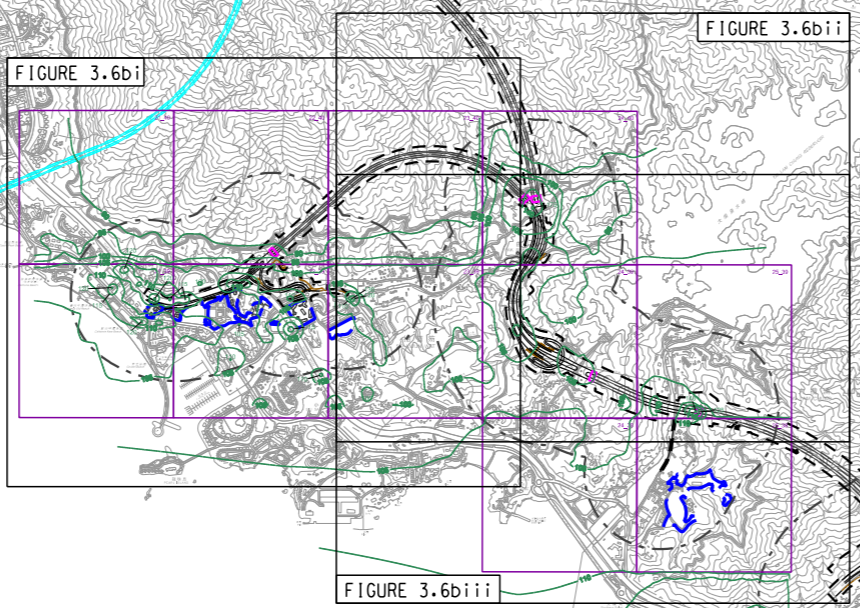
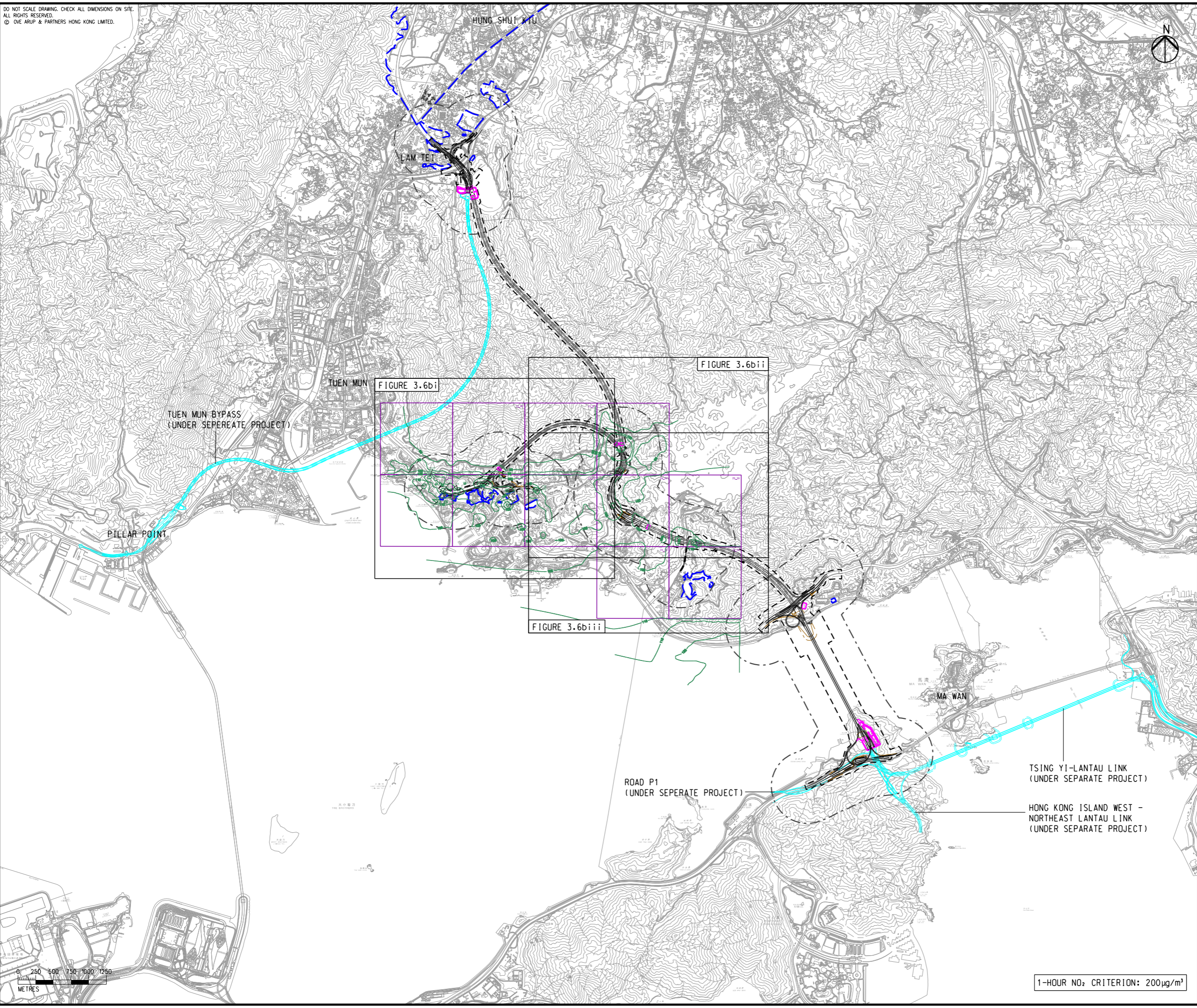


- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m CONSTRUCTION ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPERATE PROJECTS)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - 200- NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

EIA Report\Figure 3.6b - Contours 1hr NO2 (Year 2048) in SKW, SL and TL.dgn

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Rev	Description	By	Date
B	SECOND ISSUE	GL	08/23
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Consultant **ARUP**

Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
19th HIGHEST 1-HOUR NO<sub>2</sub>  
CONCENTRATION AT 1.5m ABOVE  
GROUND (YEAR 2048) IN SO  
KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.6b</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:50000 @ A3		Status PRELIMINARY	

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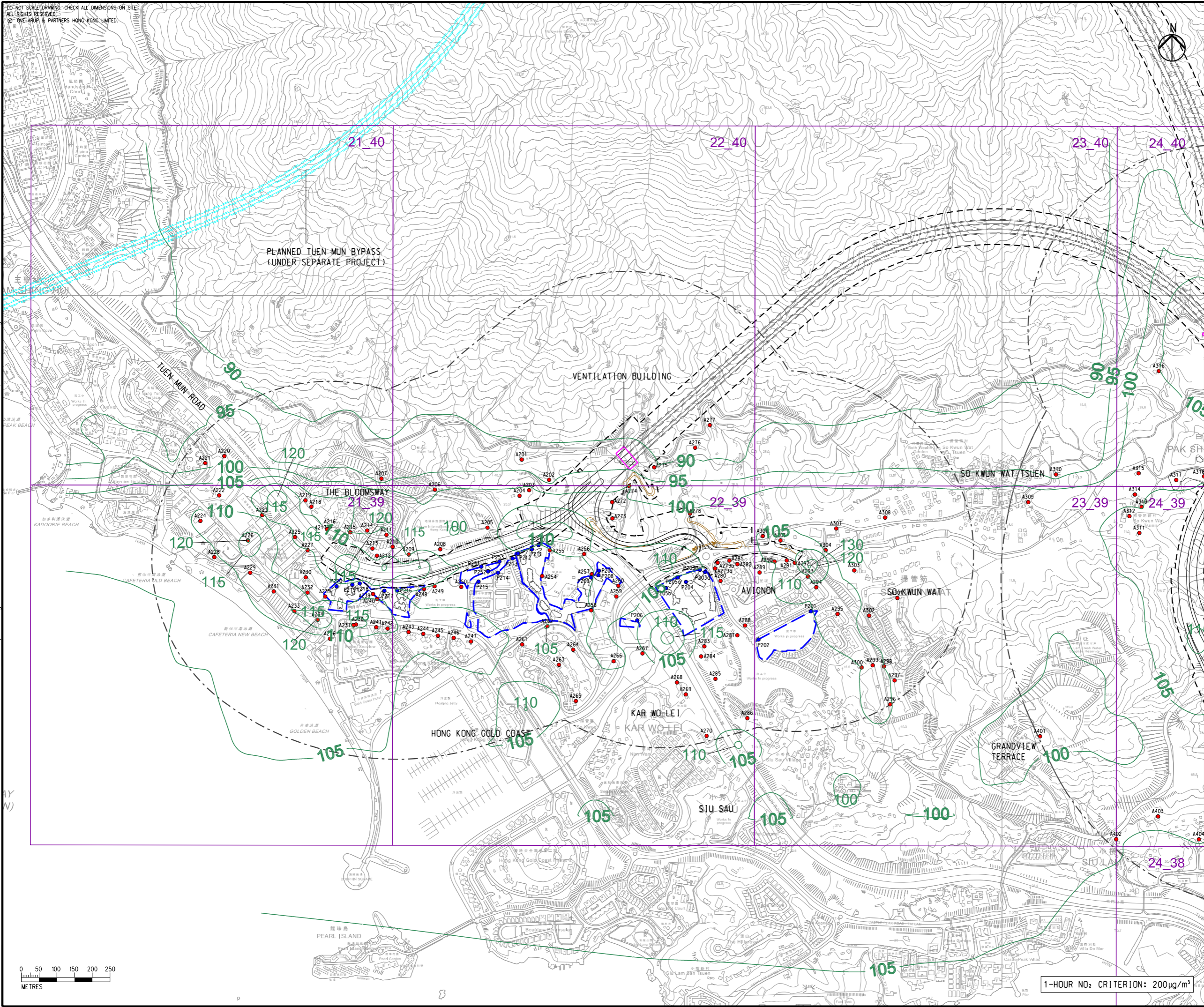
1-HOUR NO<sub>2</sub> CRITERION: 200µg/m<sup>3</sup>

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- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 200— NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

B SECOND ISSUE	GL 08/23
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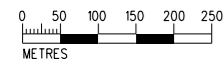
Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 1-HOUR NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.6bi</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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1-HOUR NO<sub>2</sub> CRITERION: 200µg/m<sup>3</sup>

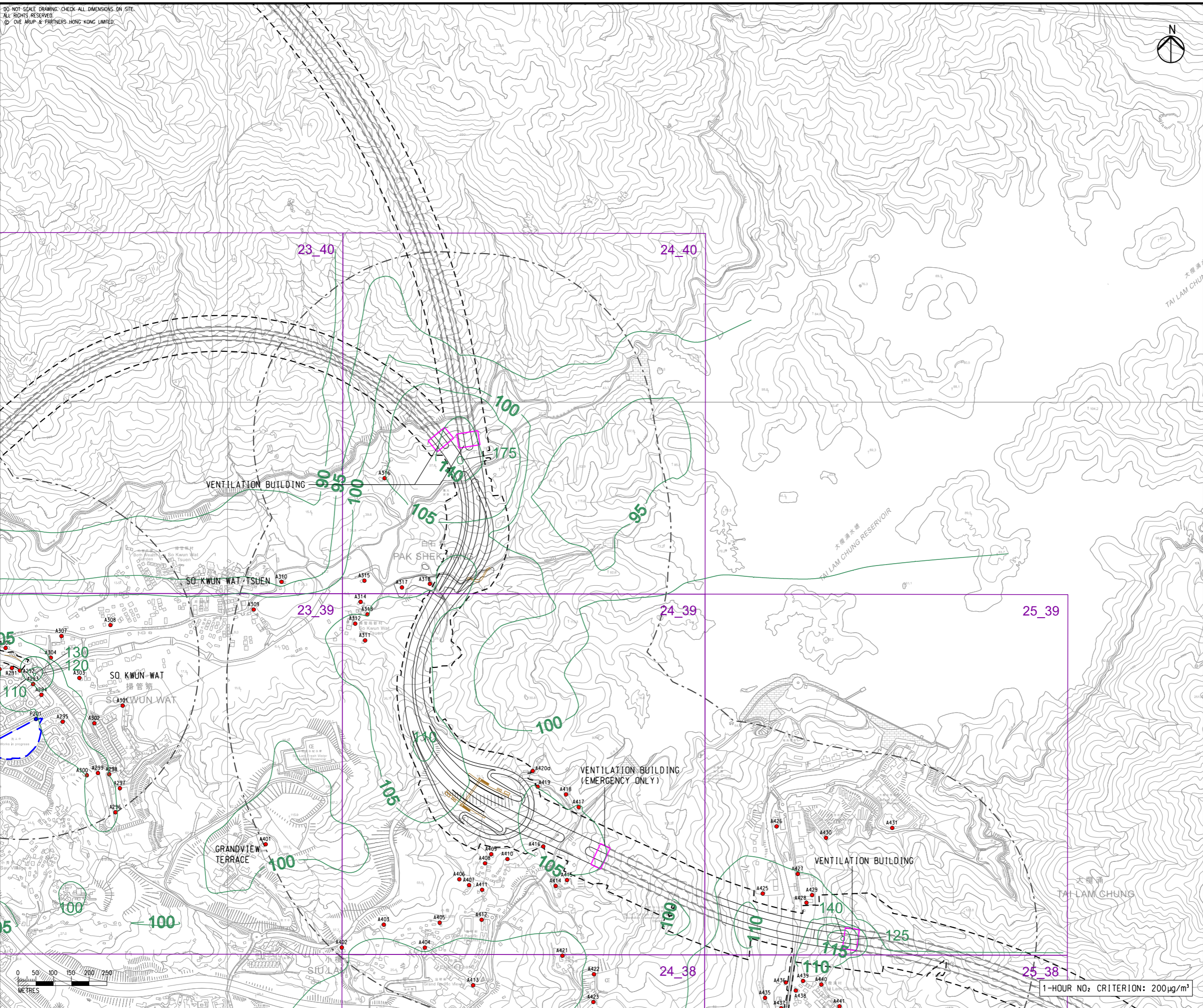
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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 200- NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

EIA Report\Figure 3.6bii - Contours 1hr NO2 (Year 2048) in SKW, SL and TL.dgn

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 1-HOUR NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.6bii</b>		Rev. <b>B</b>	
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Scale 1:10000 @ A3	Status PRELIMINARY		

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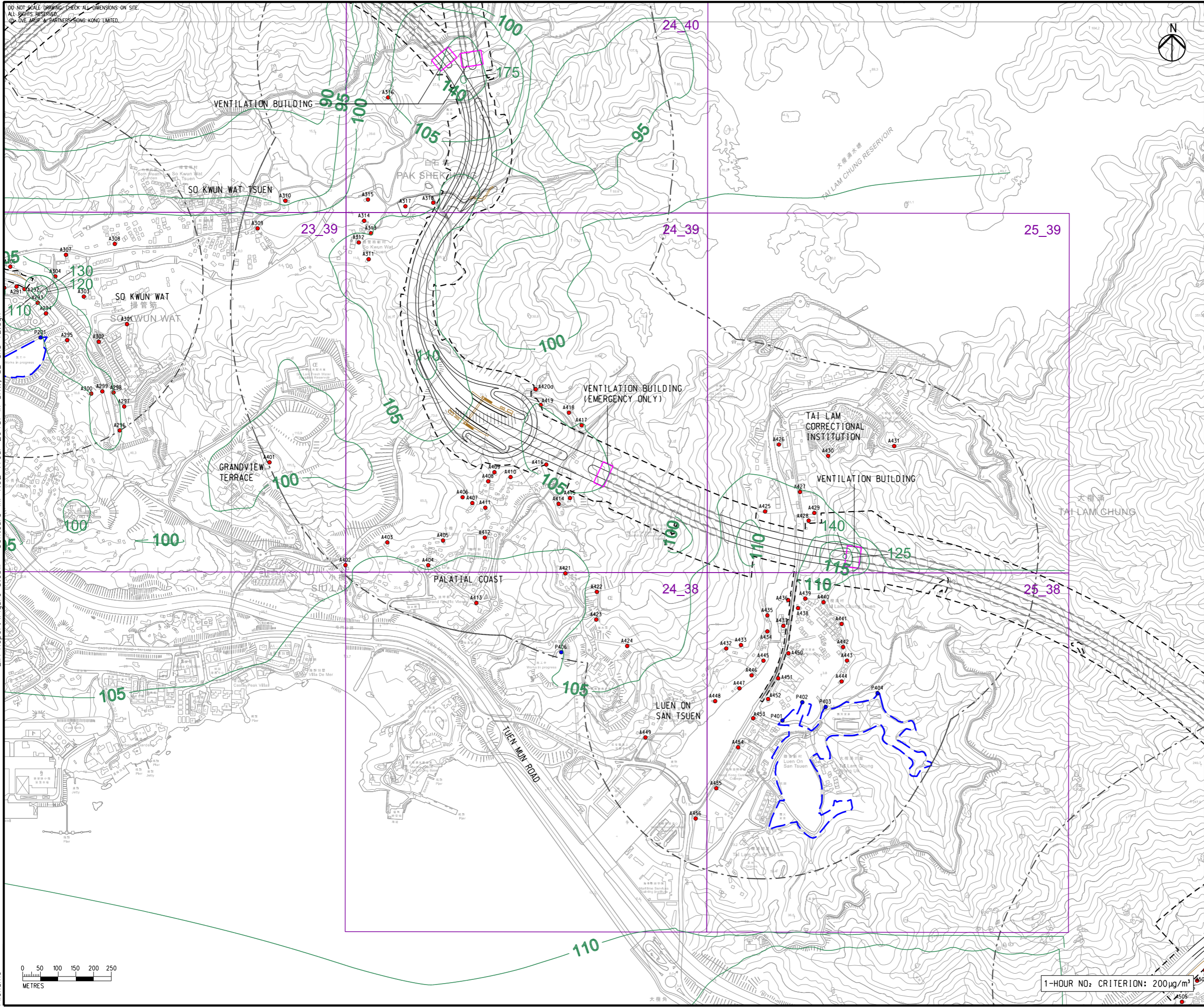
1-HOUR NO<sub>2</sub> CRITERION: 200µg/m<sup>3</sup>

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EIA Report\Figure 3.6biii - Contours 1hr NO2 (Year 2048) in SKW, SL and TL.dgn

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 200- NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

Consultant **ARUP**

Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
19th HIGHEST 1-HOUR NO<sub>2</sub>  
CONCENTRATION AT 1.5m ABOVE  
GROUND (YEAR 2048) IN SO  
KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.6biii</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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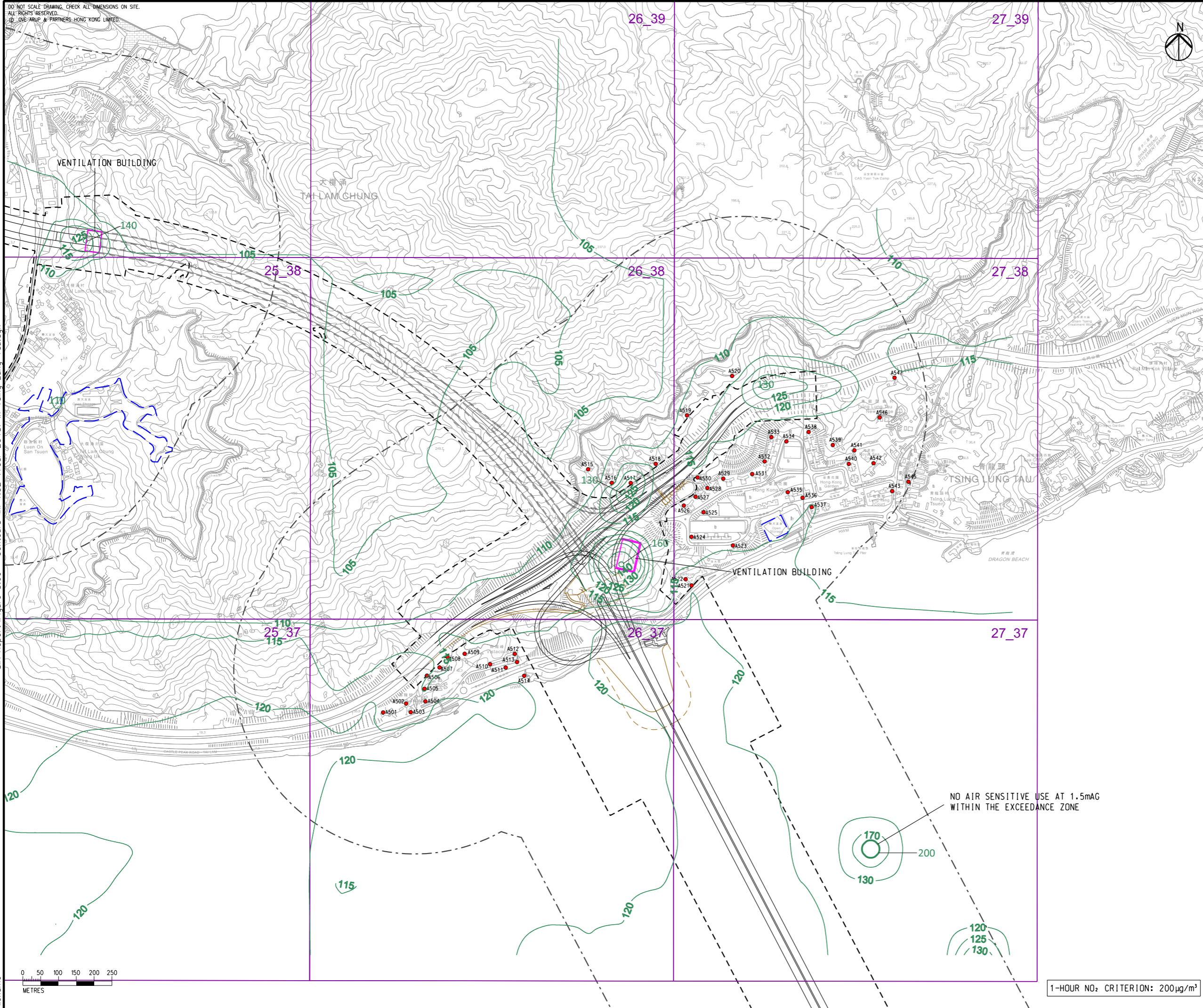
1-HOUR NO<sub>2</sub> CRITERION: 200 µg/m<sup>3</sup>

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EIA Report\Figure 3.6c - Contours 1hr NO2 (Year 2048) in Tsing Lung Tau.dgn

22/8/2023

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Filename :



- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 200— NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

C	THIRD ISSUE	GL	08/23
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A	FIRST ISSUE	GL	06/23
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Project Title

**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title

**CONTOURS OF CUMULATIVE  
19th HIGHEST 1-HOUR NO<sub>2</sub>  
CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2048)  
IN TSING LUNG TAU**

Drawing no.		Rev.	
FIGURE 3.6c		C	
Drawn	Date	Checked	Approved
GL	08/23	TL	FC
Scale	Status		PRELIMINARY
1:10000 @ A3			

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NO AIR SENSITIVE USE AT 1.5mAG  
WITHIN THE EXCEEDANCE ZONE

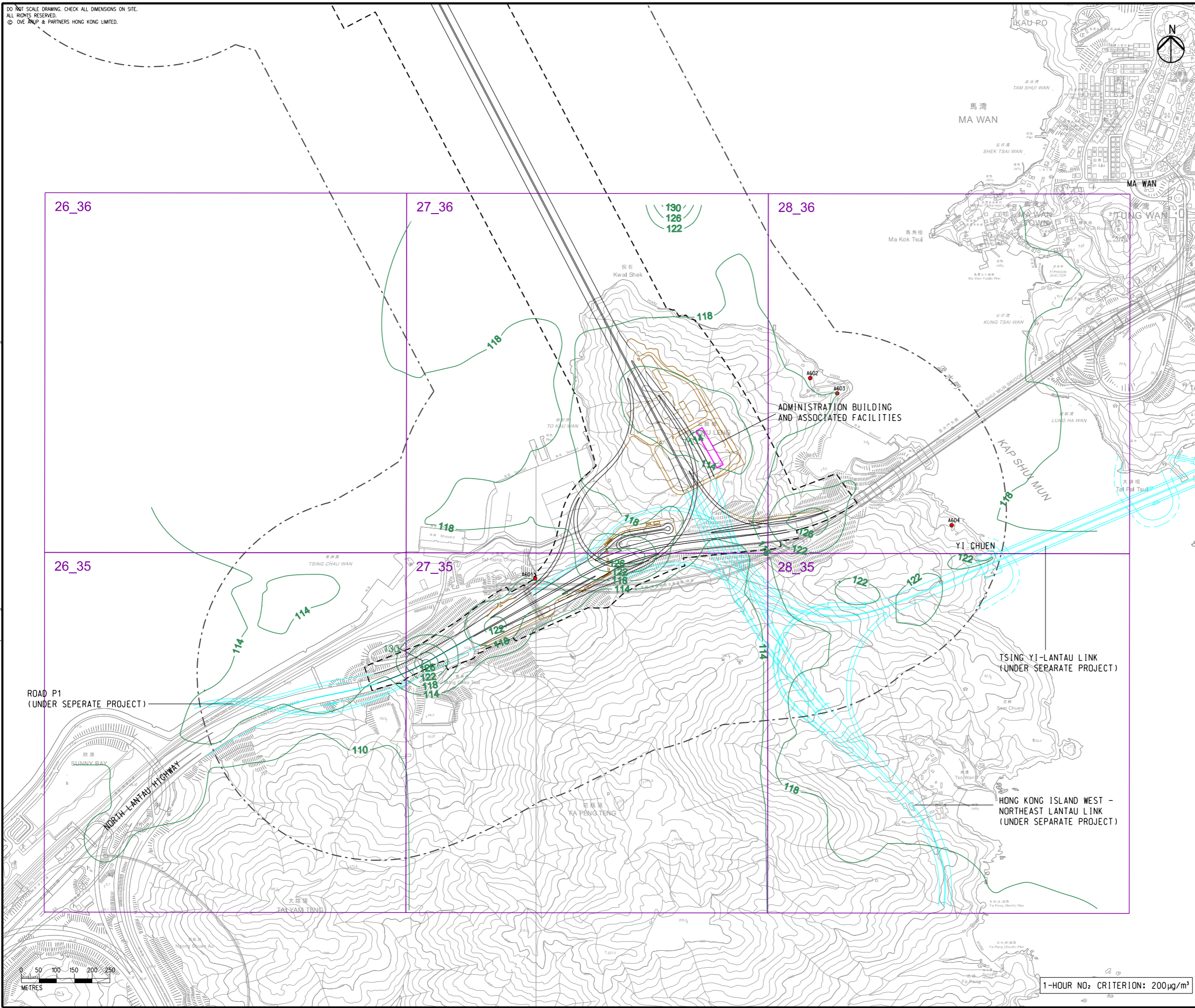
1-HOUR NO<sub>2</sub> CRITERION: 200µg/m<sup>3</sup>

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EIA Report\Figure 3.6d - Contours 1hr NO2 (Year 2048) in North Lantau.dgn

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPARATE PROJECTS)
  - 27\_36 CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 200— NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

B SECOND ISSUE	GL 08/23
A FIRST ISSUE	GL 06/23
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Consultant **ARUP**

Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 1-HOUR NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN NORTH LANTAU**

Drawing no. <b>FIGURE 3.6d</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3	Status PRELIMINARY		

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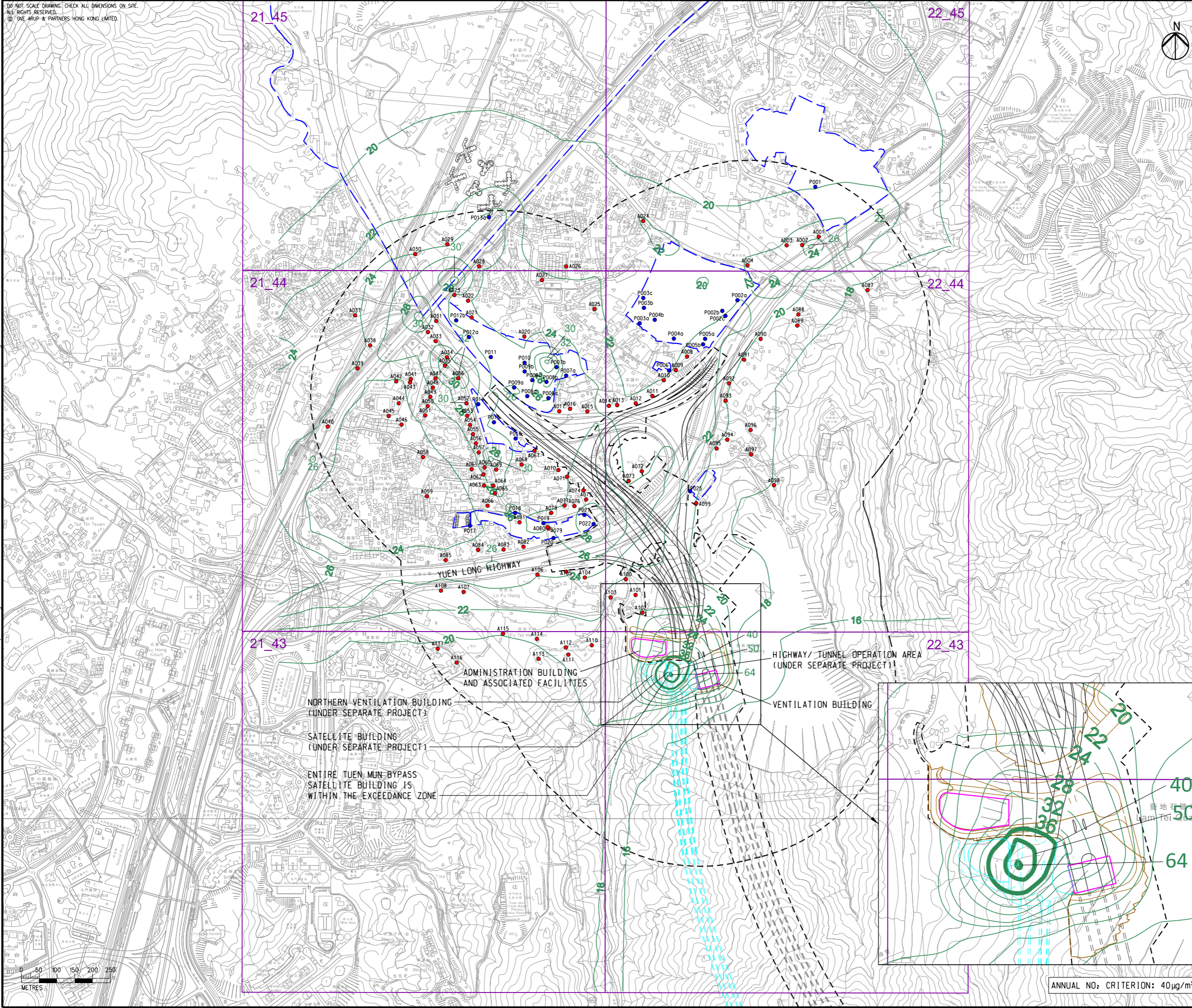
1-HOUR NO<sub>2</sub> CRITERION: 200µg/m<sup>3</sup>

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EIA Report\Figure 3.7a - Contours Annual NO2 (Year 2048) in Lam Tei.dgn

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 40 — NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

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A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN LAM TEI**

Drawing no. <b>FIGURE 3.7a</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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ANNUAL NO<sub>2</sub> CRITERION: 40µg/m<sup>3</sup>

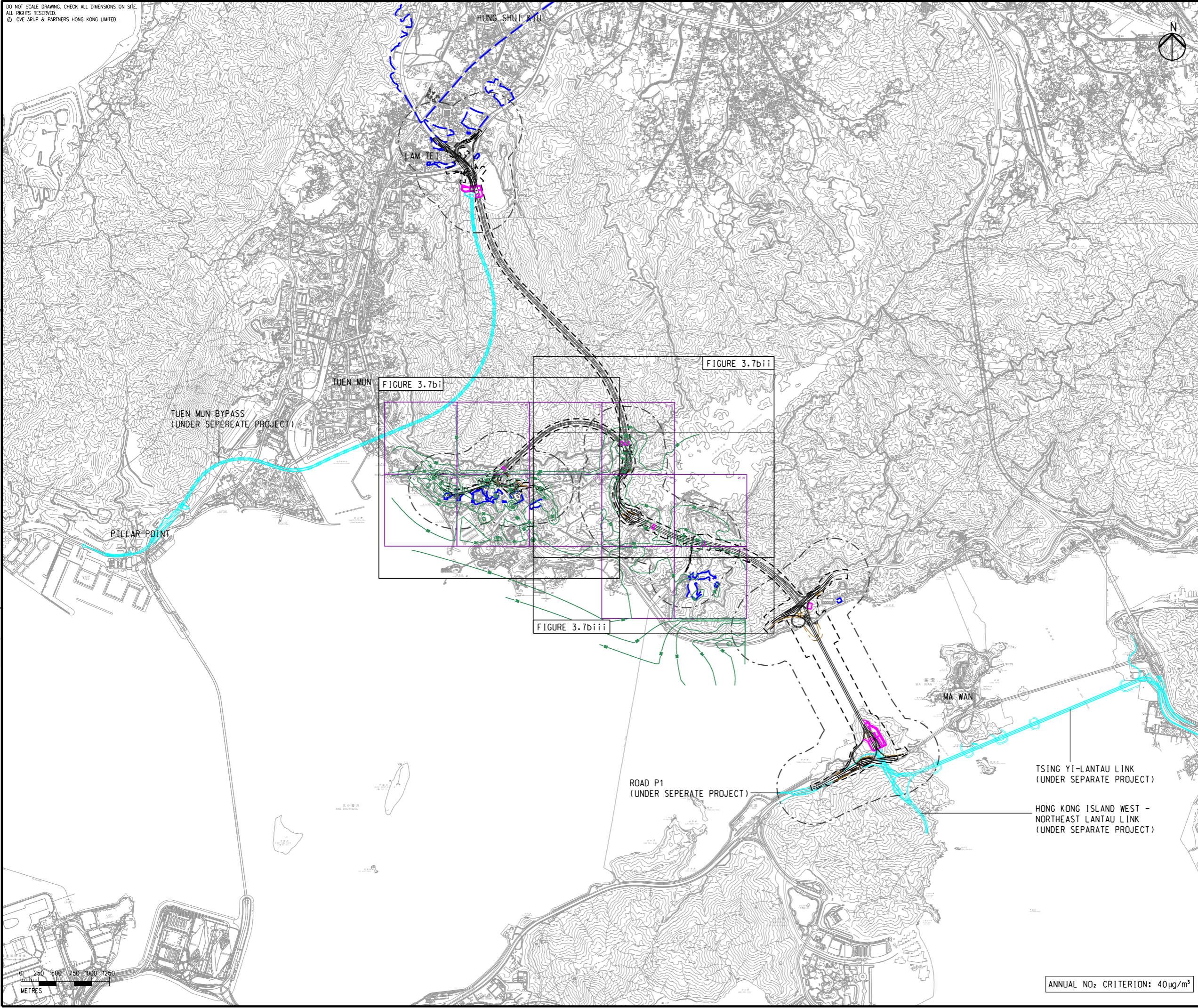


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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m CONSTRUCTION ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPERATE PROJECTS)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - 40 NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

Rev	Description	By	Date
C	THIRD ISSUE	GL	08/23
B	SECOND ISSUE	GL	07/23
A	FIRST ISSUE	GL	06/23

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.7b</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:50000 @ A3		Status PRELIMINARY	

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ANNUAL NO<sub>2</sub> CRITERION: 40µg/m<sup>3</sup>

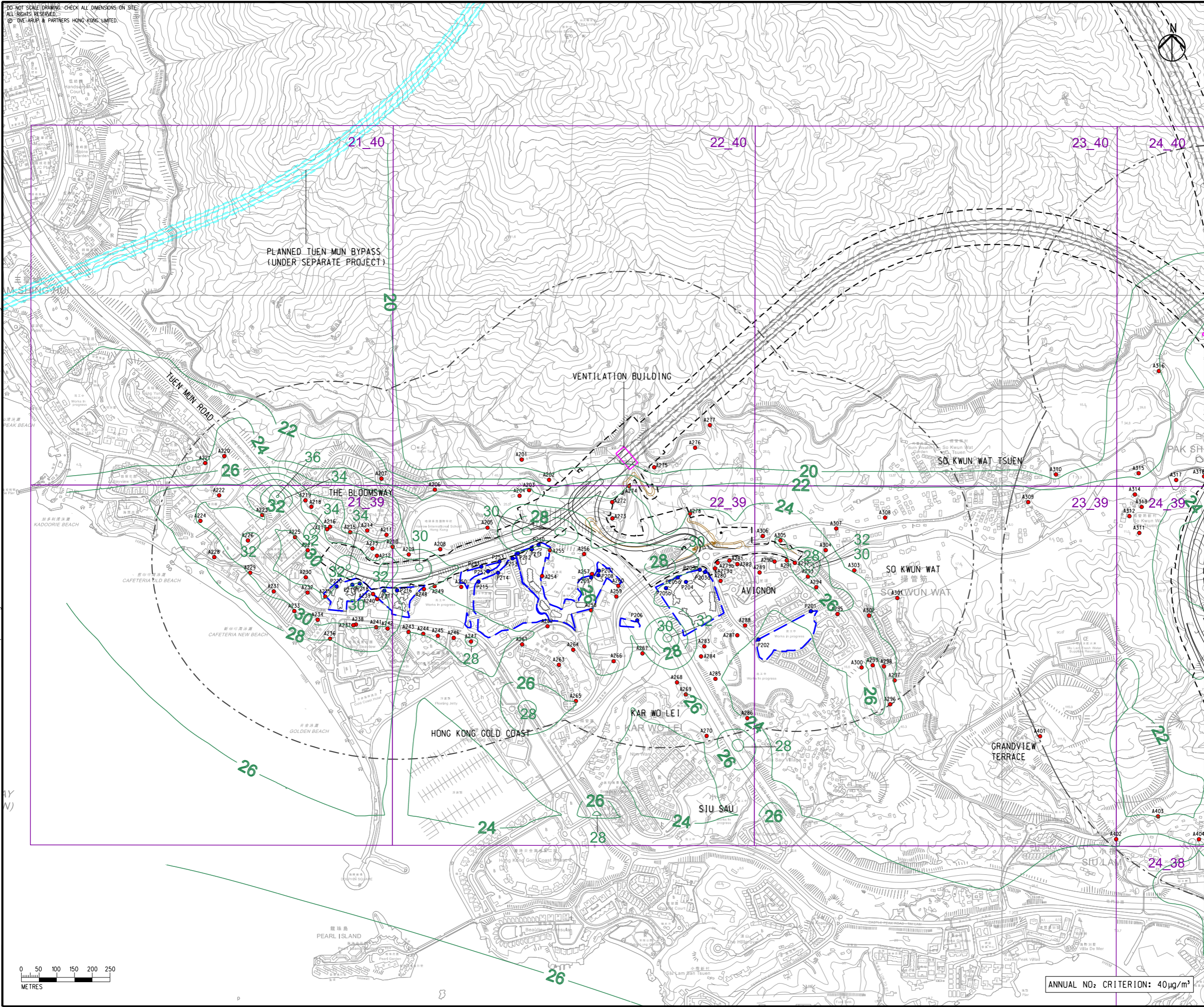


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- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 40 — NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

B SECOND ISSUE	GL 08/23
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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.7bi</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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ANNUAL NO<sub>2</sub> CRITERION: 40µg/m<sup>3</sup>

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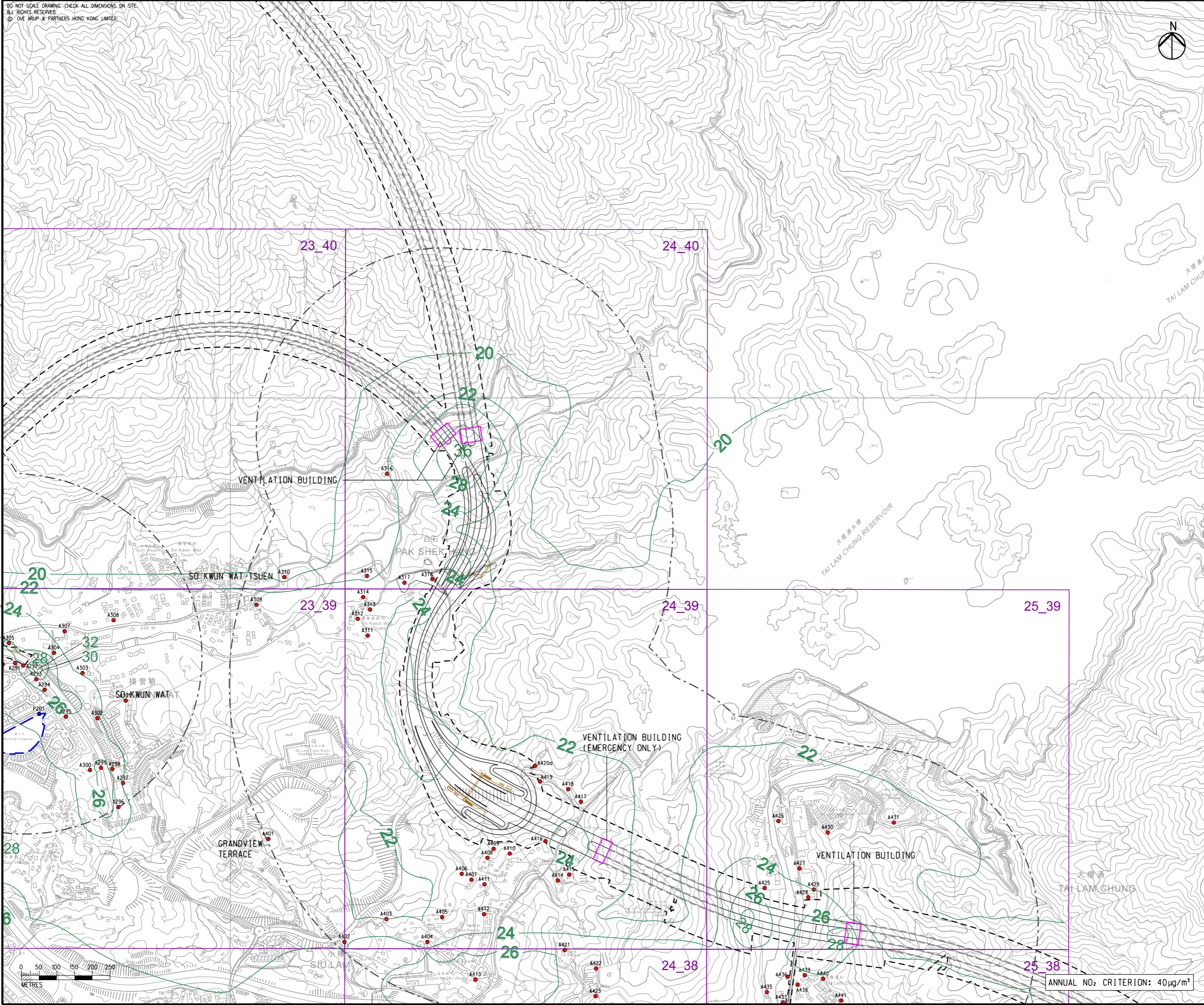


- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 40 NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

EIA Report\Figure 3.7bii - Contours Annual NO2 (Year 2048) in SKW, SL and TL.dgn

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Project Title  
**ROUTE 11  
 (SECTION BETWEEN YUEN LONG  
 AND NORTH LANTAU) -  
 INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
 ANNUAL NO<sub>2</sub> CONCENTRATION  
 AT 1.5m ABOVE GROUND  
 (YEAR 2048) IN SO KWU WAT,  
 SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.7bii</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3	Status PRELIMINARY		

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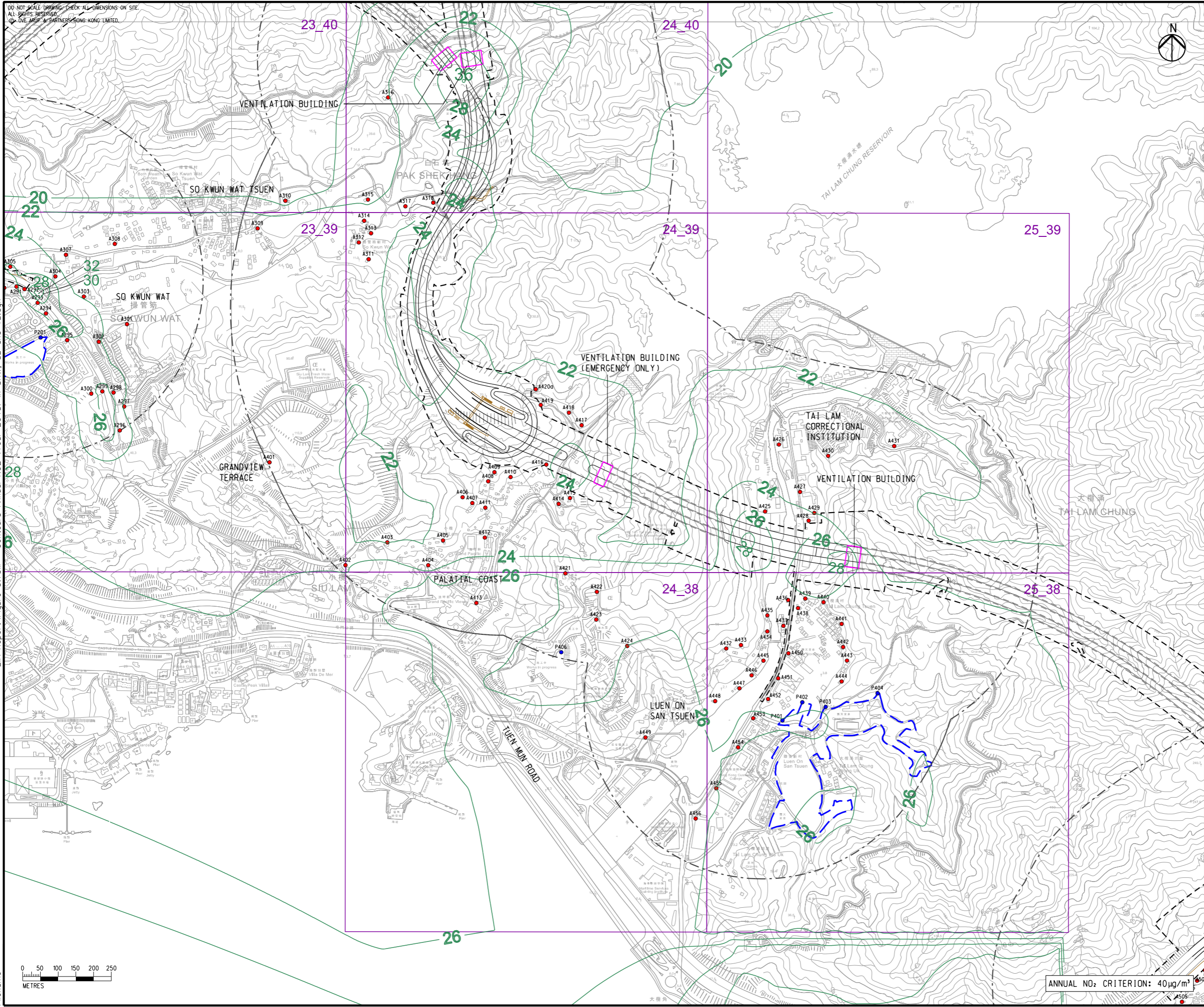
ANNUAL NO<sub>2</sub> CRITERION: 40µg/m<sup>3</sup>

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- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
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  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 40 NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

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Rev	Description	By	Date

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
ANNUAL NO<sub>2</sub> CONCENTRATION  
AT 1.5m ABOVE GROUND  
(YEAR 2048) IN SO KWU WAT,  
SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.7biii</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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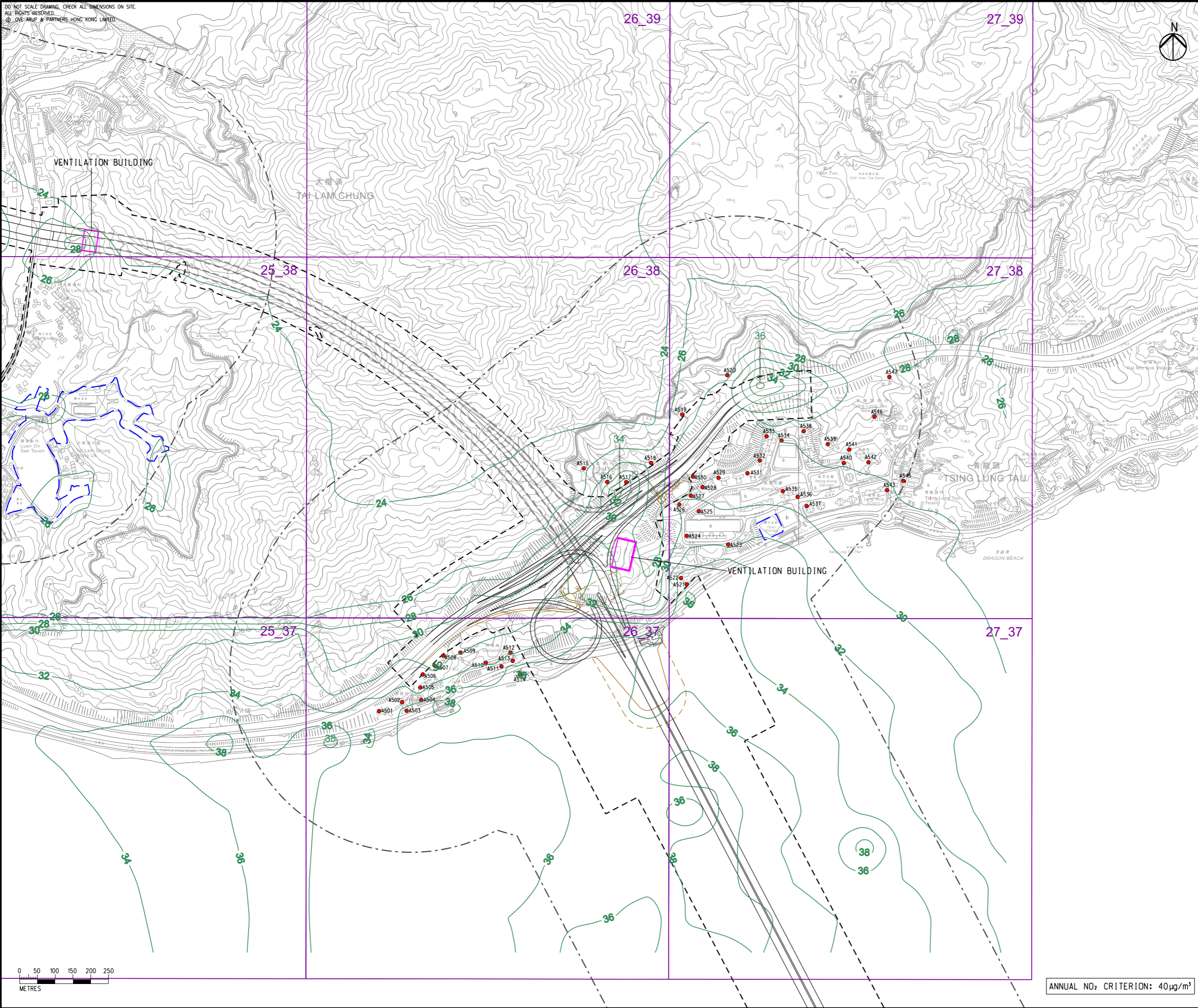
ANNUAL NO<sub>2</sub> CRITERION: 40 µg/m<sup>3</sup>

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EIA Report\Figure 3.7c - Contours Annual NO2 in Tsing Lung Tau.dgn

22/8/2023

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 40 — NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

C	THIRD ISSUE	GL	08/23
B	SECOND ISSUE	GL	07/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

Consultant  
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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN TSING LUNG TAU**

Drawing no. <b>FIGURE 3.7c</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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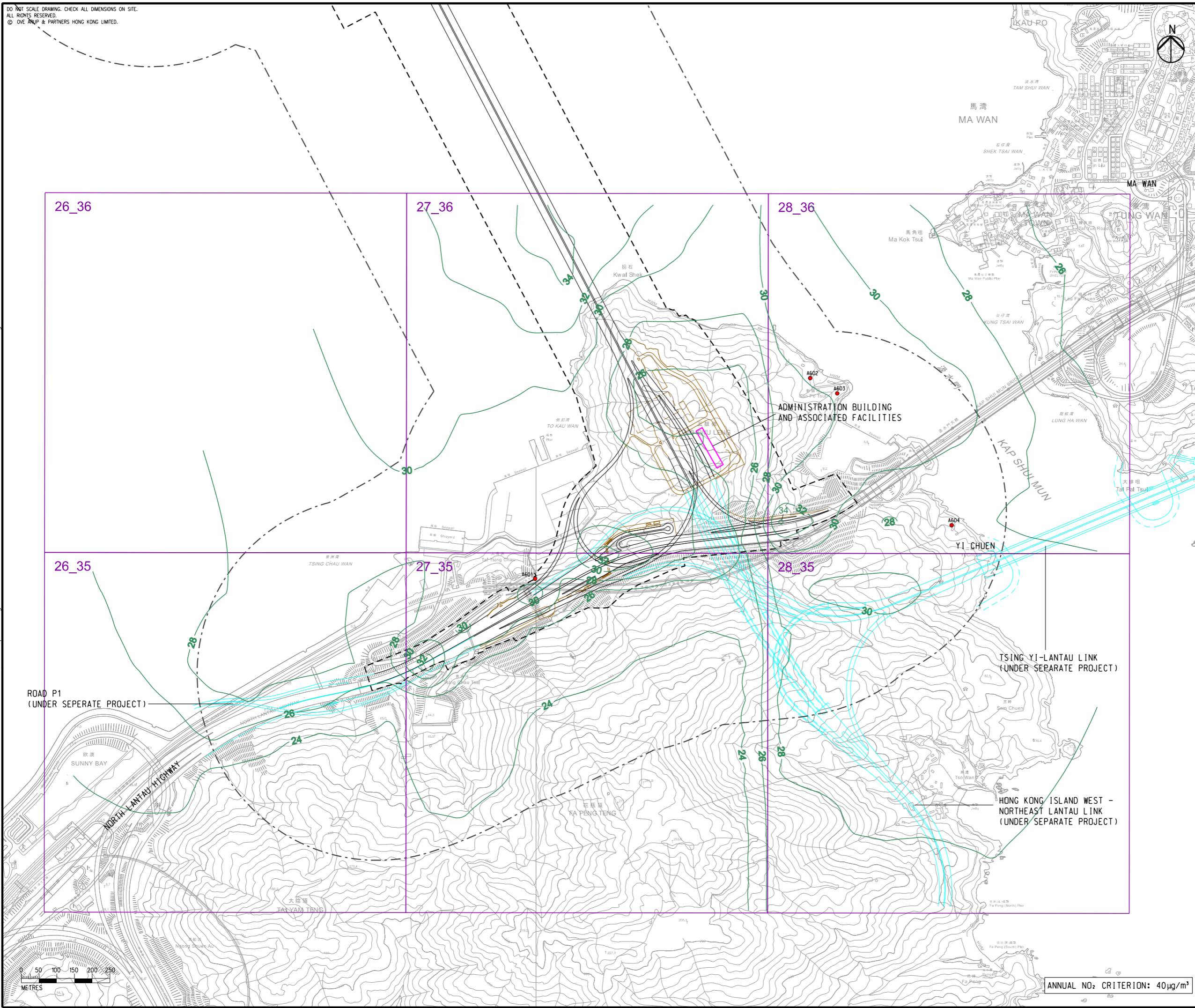
ANNUAL NO<sub>2</sub> CRITERION: 40µg/m<sup>3</sup>

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EIA Report\Figure 3.7d - Contours Annual NO2 (Year 2048) in North Lantau.dgn

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPARATE PROJECTS)
  - 27\_36 CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 40 NO<sub>2</sub> CONTOUR, µg/m<sup>3</sup>

B SECOND ISSUE	GL 08/23
A FIRST ISSUE	GL 06/23
Rev Description	By Date

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Project Title

**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title

**CONTOURS OF CUMULATIVE ANNUAL NO<sub>2</sub> CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2048) IN NORTH LANTAU**

Drawing no. <b>FIGURE 3.7d</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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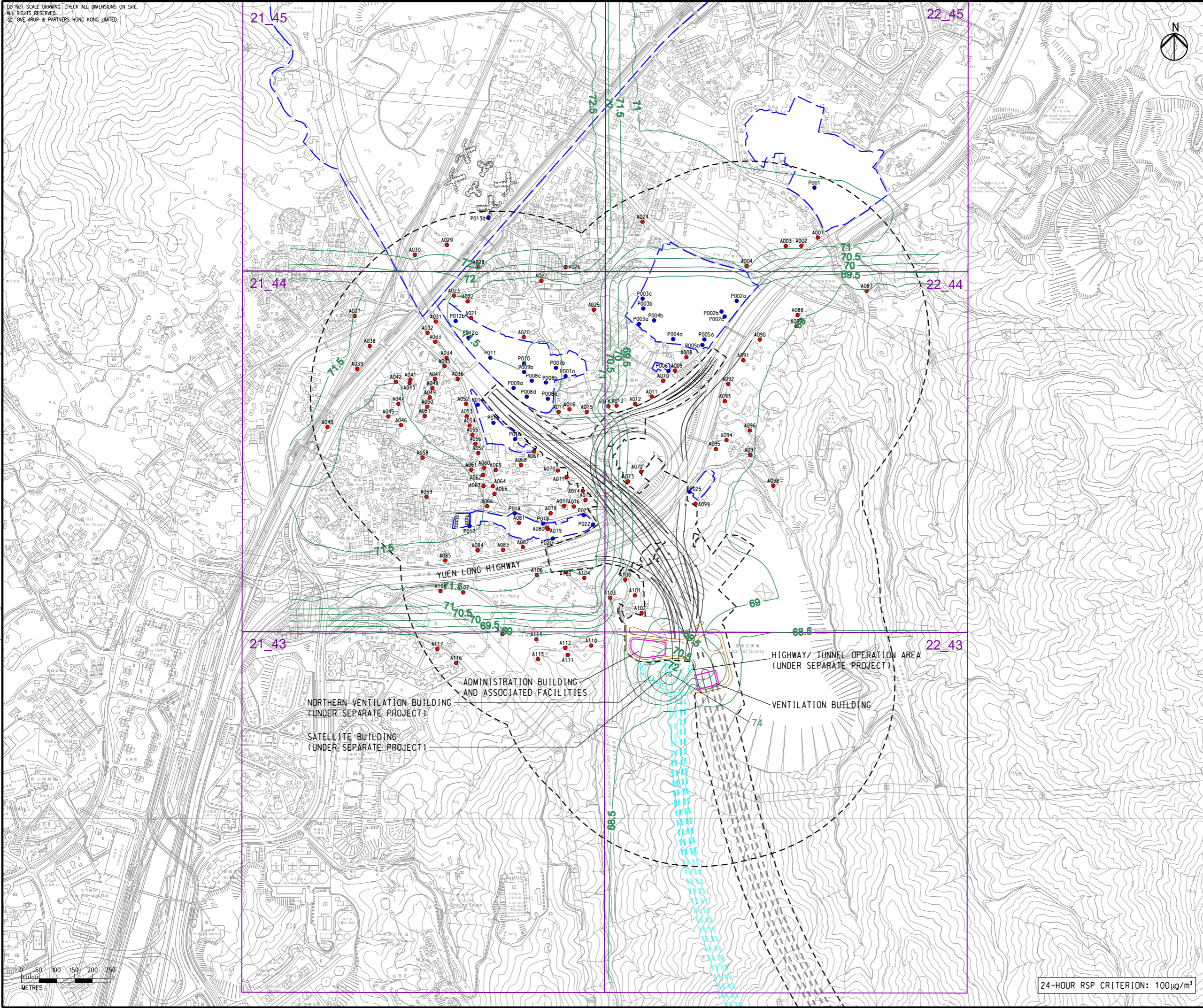
ANNUAL NO<sub>2</sub> CRITERION: 40 µg/m<sup>3</sup>

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IA Report\Figure 3.8a - Contours 24hr RSP (Year 2033) in Lam Tei.dgn

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- PROPOSED ELEVATED/ AT-GRADE ROAD
  - - - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 100— RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN LAM TEI**

Drawing no.	FIGURE 3.8a		Rev.	C			
Drawn	GL	Date	08/23	Checked	TL	Approved	FC
Scale	1:10000 @ A3		Status	PRELIMINARY			

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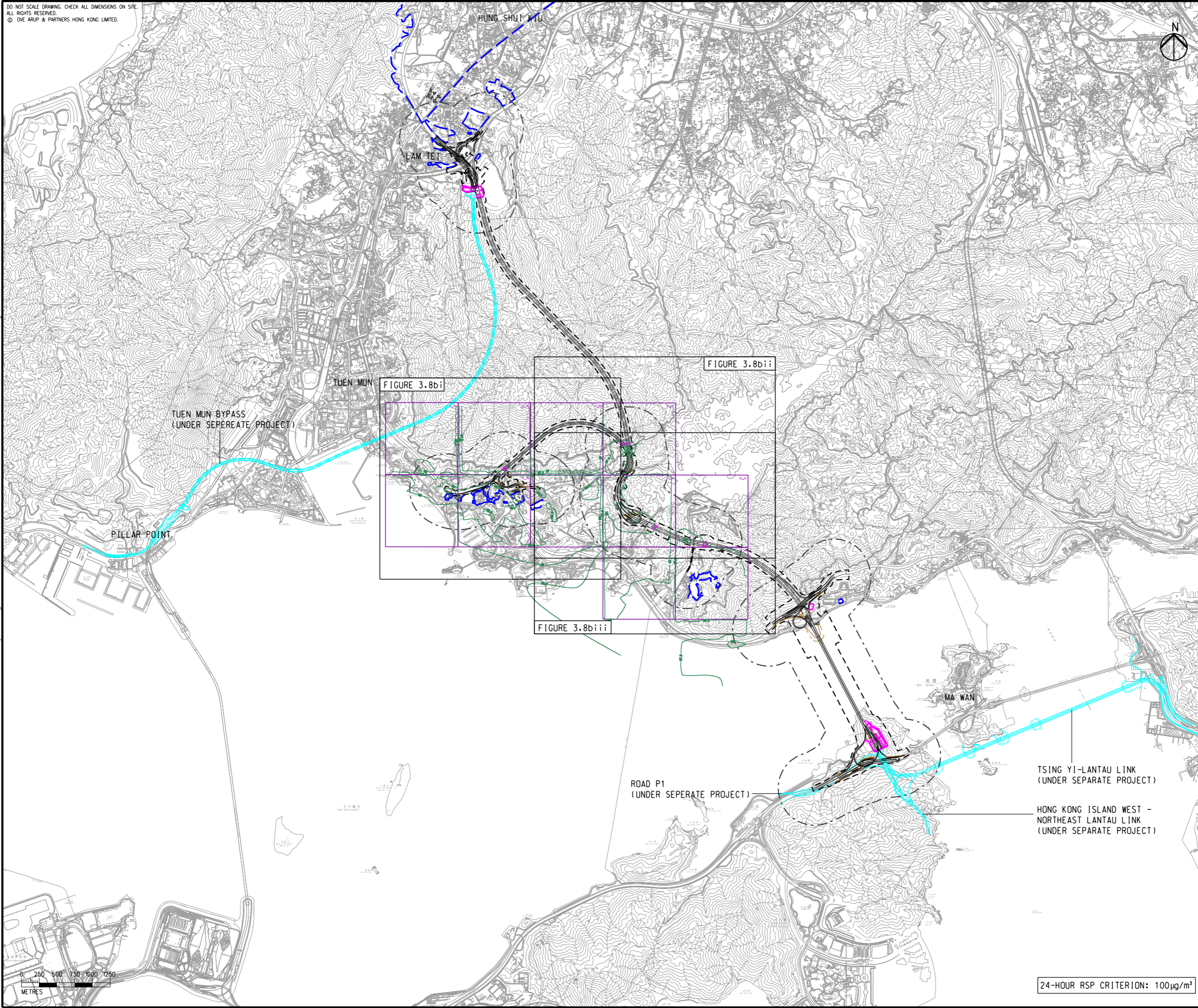
24-HOUR RSP CRITERION:  $100 \mu\text{g}/\text{m}^3$

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:IA Report\Figure 3.8b - Contours 24hr RSP (Year 2033) in SKW, SL and TL.dgn

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m CONSTRUCTION ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPERATE PROJECTS)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - 100- RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

Rev	Description	By	Date
B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.8b</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:50000 @ A3		Status PRELIMINARY	

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24-HOUR RSP CRITERION:  $100\mu\text{g}/\text{m}^3$

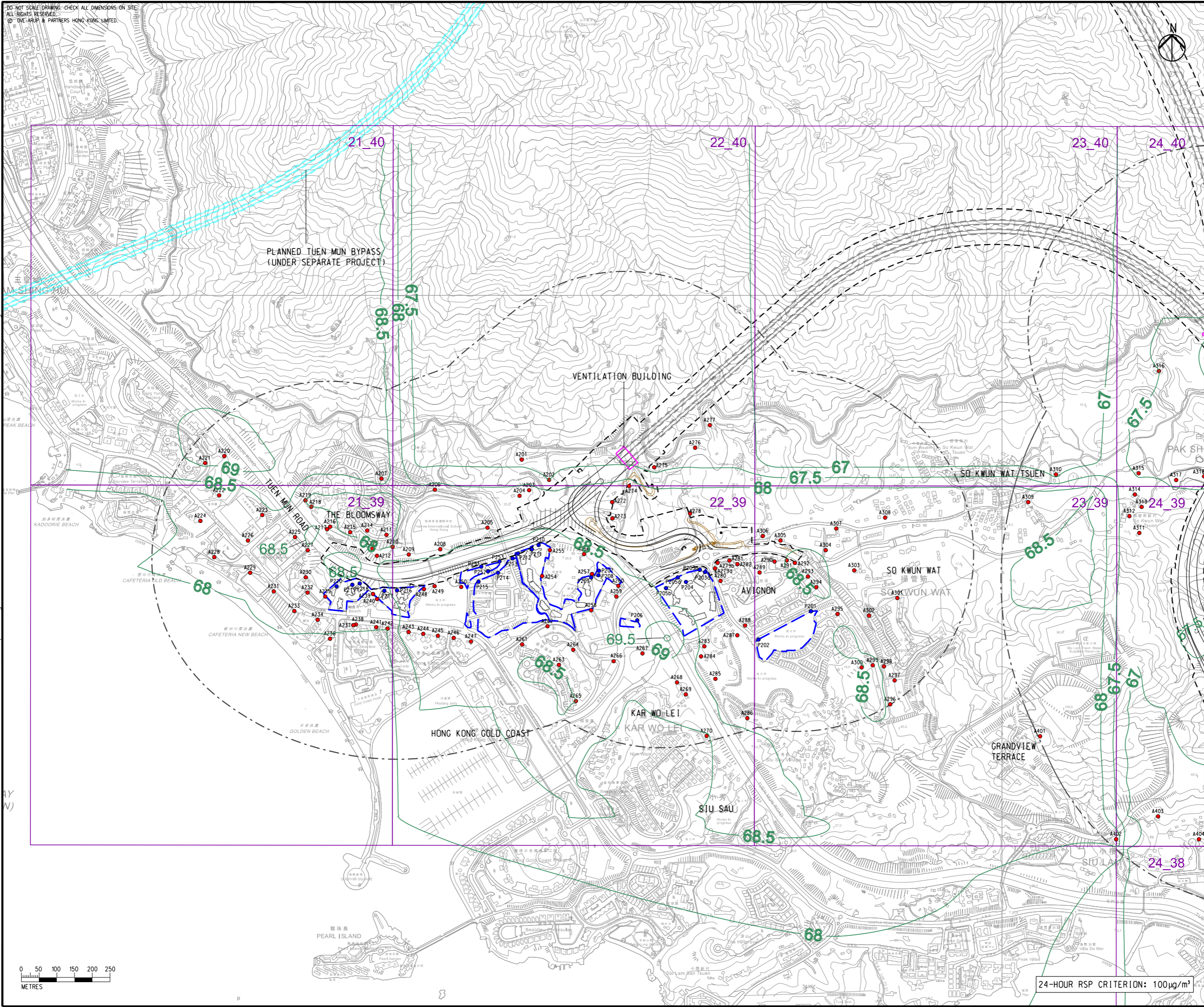


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:IA Report\Figure 3.8bi - Contours 24hr RSP in SKW, SL and TL.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 100— RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

B SECOND ISSUE	GL 08/23
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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.8bi</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
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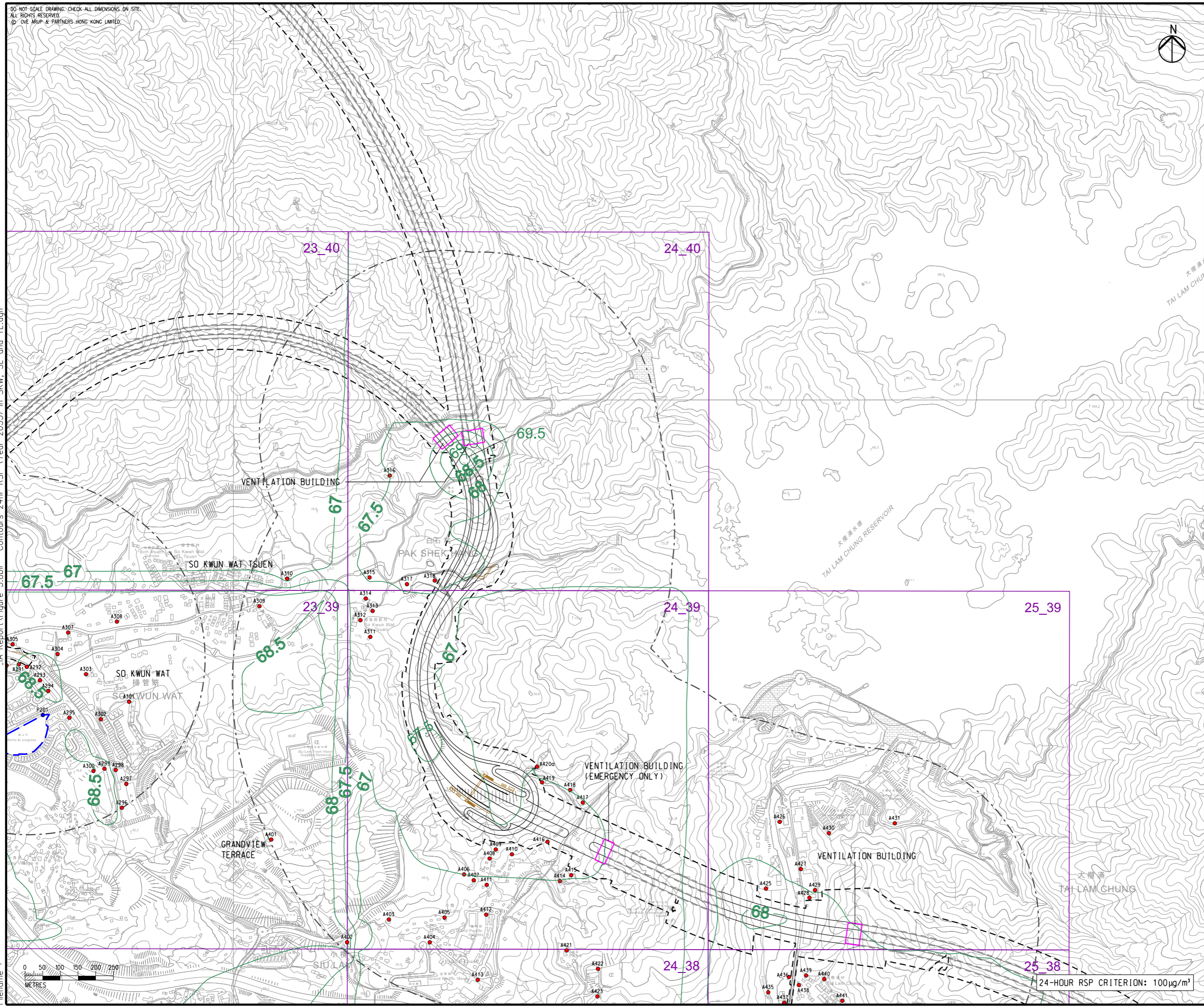
24-HOUR RSP CRITERION:  $100\mu\text{g}/\text{m}^3$

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 100 RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

IIA Report\Figure 3.8bii - Contours 24hr RSP (Year 2033) in SKW, SL and TL.dgn  
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Project title  
**ROUTE 11  
 (SECTION BETWEEN YUEN LONG  
 AND NORTH LANTAU) -  
 INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
 10th HIGHEST 24-HOUR RSP  
 CONCENTRATION AT 1.5m ABOVE  
 GROUND (YEAR 2033) IN SO  
 KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.8bii</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3	Status PRELIMINARY		

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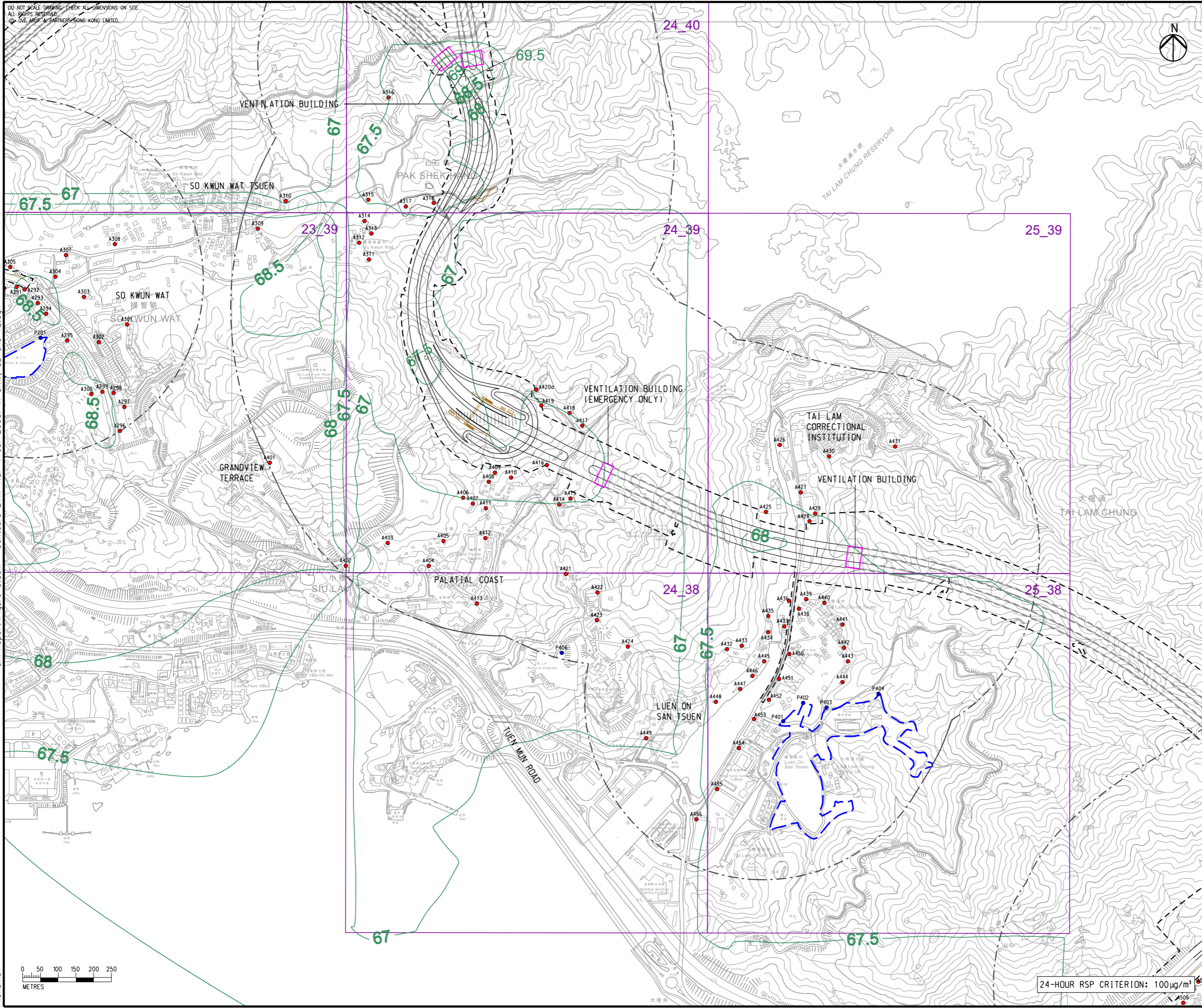
24-HOUR RSP CRITERION:  $100\mu\text{g}/\text{m}^3$

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21A Report\Figure 3.8biii - Contours 24hr RSP (Year 2033) in SKW, SL and TL.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 100 RSP CONTOUR, µg/m³

B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
10th HIGHEST 24-HOUR RSP  
CONCENTRATION AT 1.5m ABOVE  
GROUND (YEAR 2033) IN SO  
KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.8biii</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3	Status PRELIMINARY		

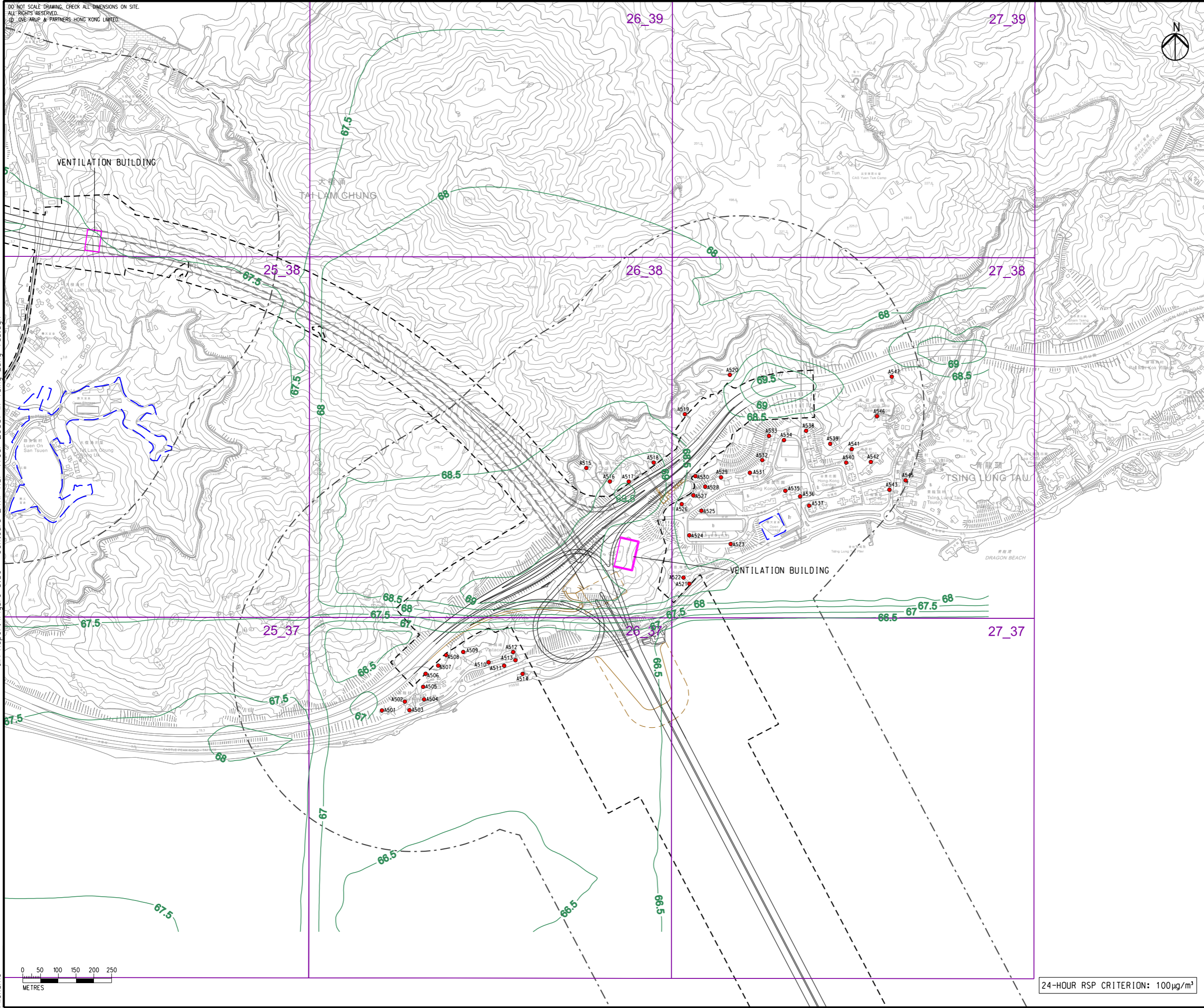
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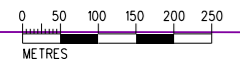
IA Report\Figure 3.8c - Contours 24hr RSP (Year 2033) in Tsing Lung Tau.dgn

22/8/2023

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 100- RSP CONTOUR,  $\mu\text{g}/\text{m}^3$



24-HOUR RSP CRITERION:  $100\mu\text{g}/\text{m}^3$

C	THIRD ISSUE	GL	08/23
B	SECOND ISSUE	GL	07/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
10th HIGHEST 24-HOUR RSP  
CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2033)  
IN TSING LUNG TAU**

Drawing no. <b>FIGURE 3.8c</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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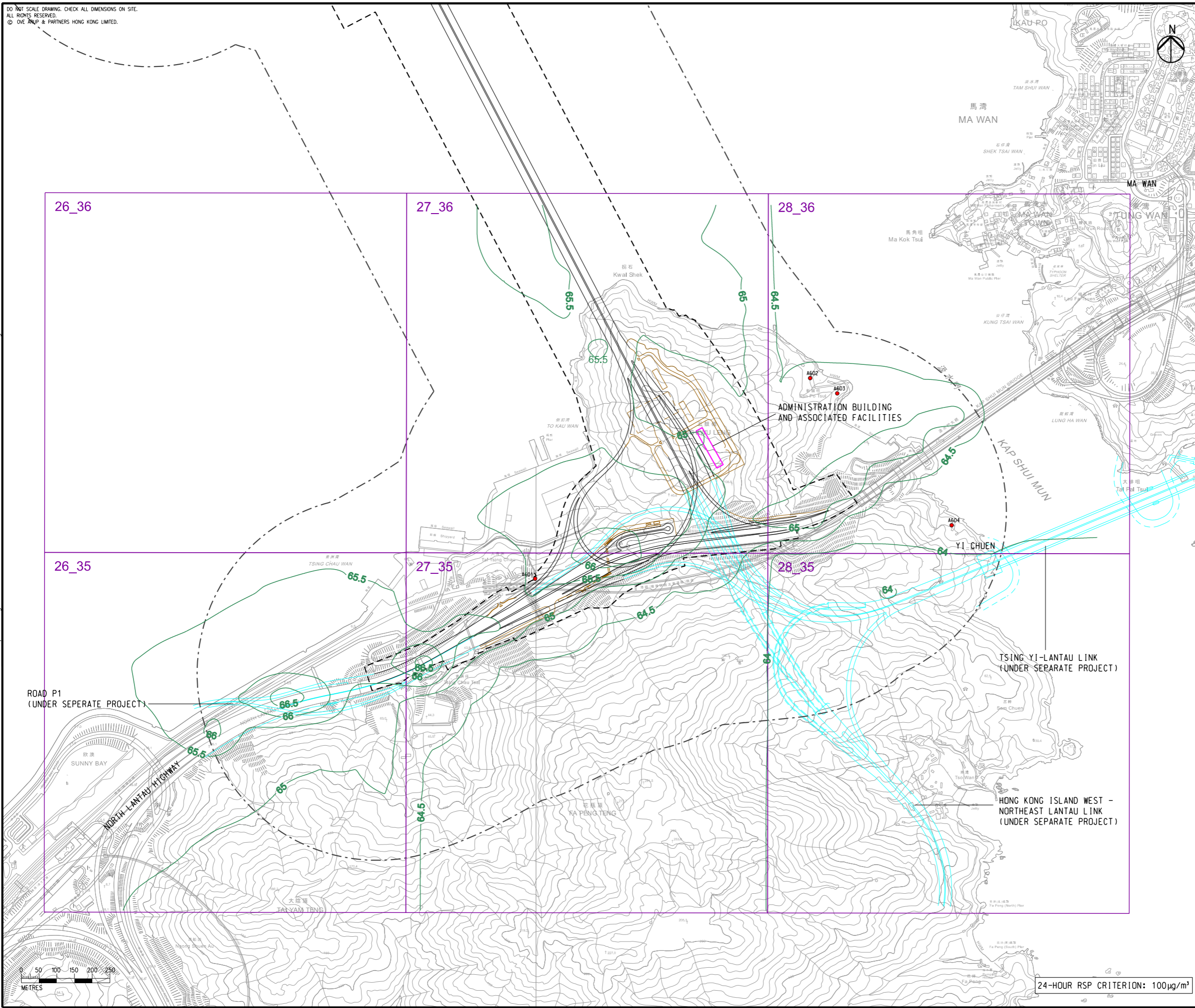
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IA Report\Figure 3.8d - Contours 24hr RSP (Year 2033) in North Lantau.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPARATE PROJECTS)
  - 27\_36 CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 100— RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN NORTH LANTAU**

Drawing no. <b>FIGURE 3.8d</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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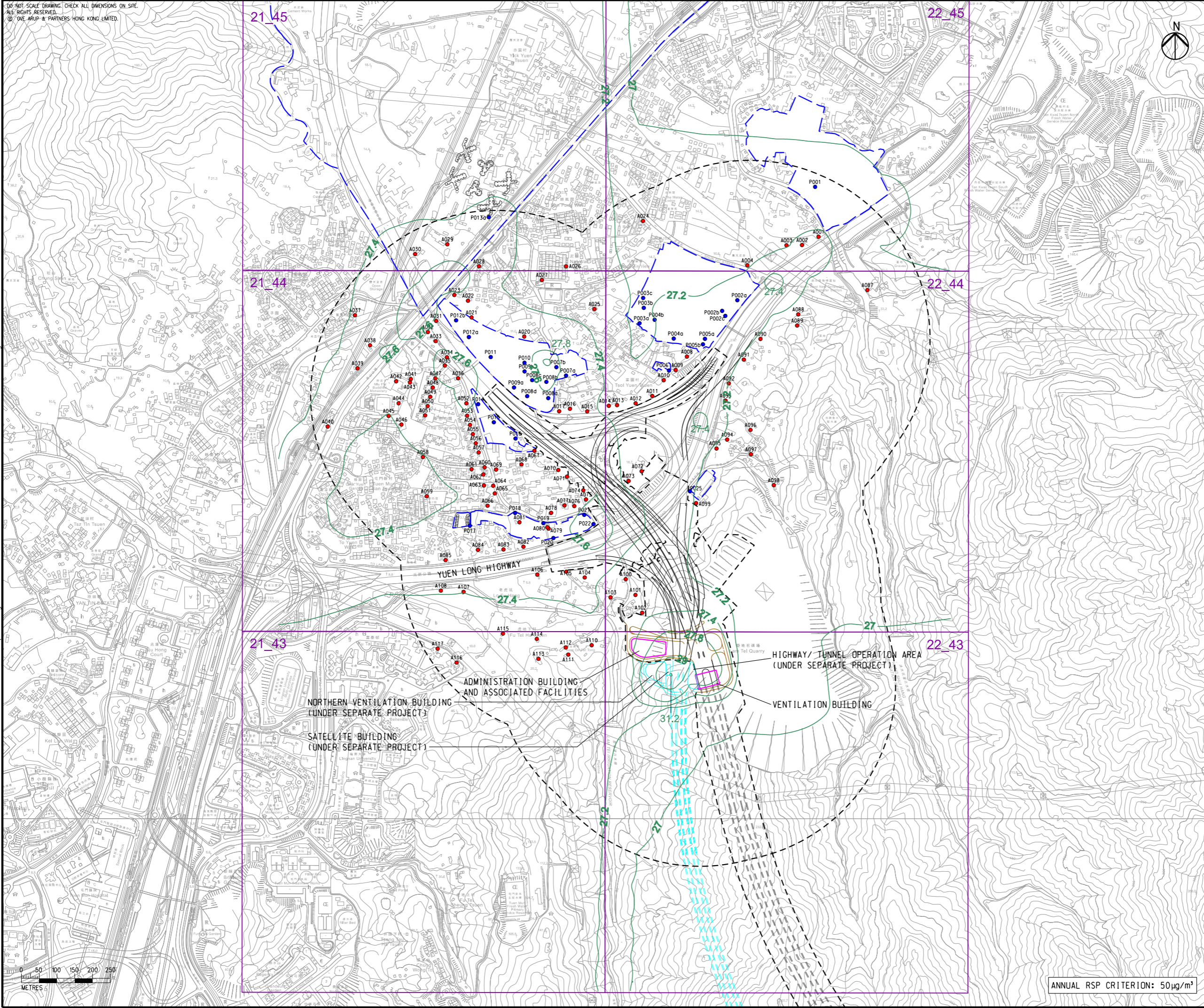
24-HOUR RSP CRITERION:  $100\mu\text{g}/\text{m}^3$

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EIA Report\Figure 3.9a - Contours Annual RSP (Year 2033) in Lam Tei.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 — RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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A	FIRST ISSUE	GL	06/23
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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN LAM TEI**

Drawing no. <b>FIGURE 3.9a</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
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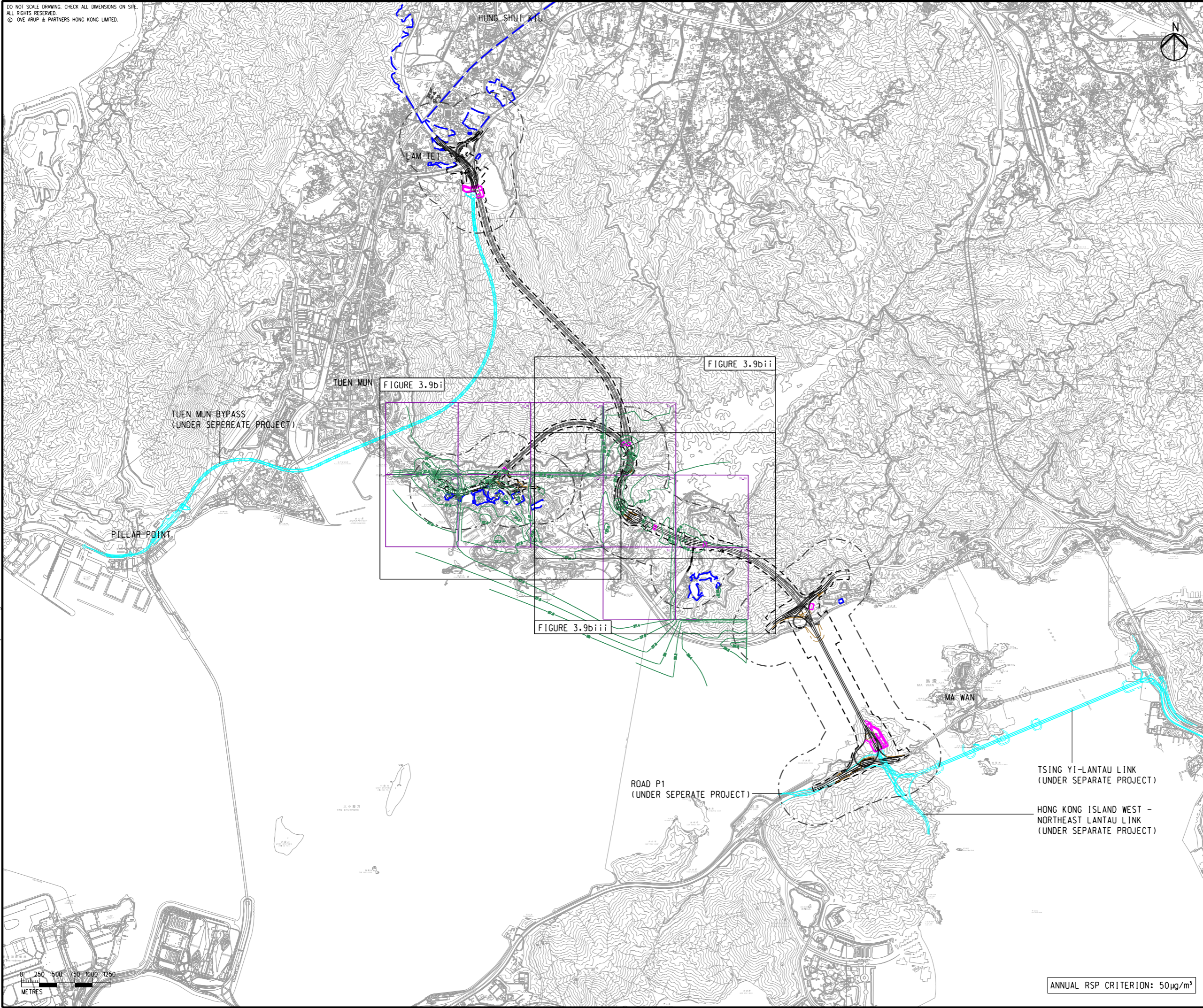
ANNUAL RSP CRITERION:  $50 \mu\text{g}/\text{m}^3$

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EIA Report\Figure 3.9b - Contours Annual RSP (Year 2033) in SKW, SL and TL.dgn

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- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m CONSTRUCTION ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPERATE PROJECTS)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - 50 RSP CONTOUR, µg/m³

Rev	Description	By	Date
B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
ANNUAL RSP CONCENTRATION  
AT 1.5m ABOVE GROUND  
(YEAR 2033) IN SO KWU WAT,  
SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.9b</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:50000 @ A3		Status PRELIMINARY	

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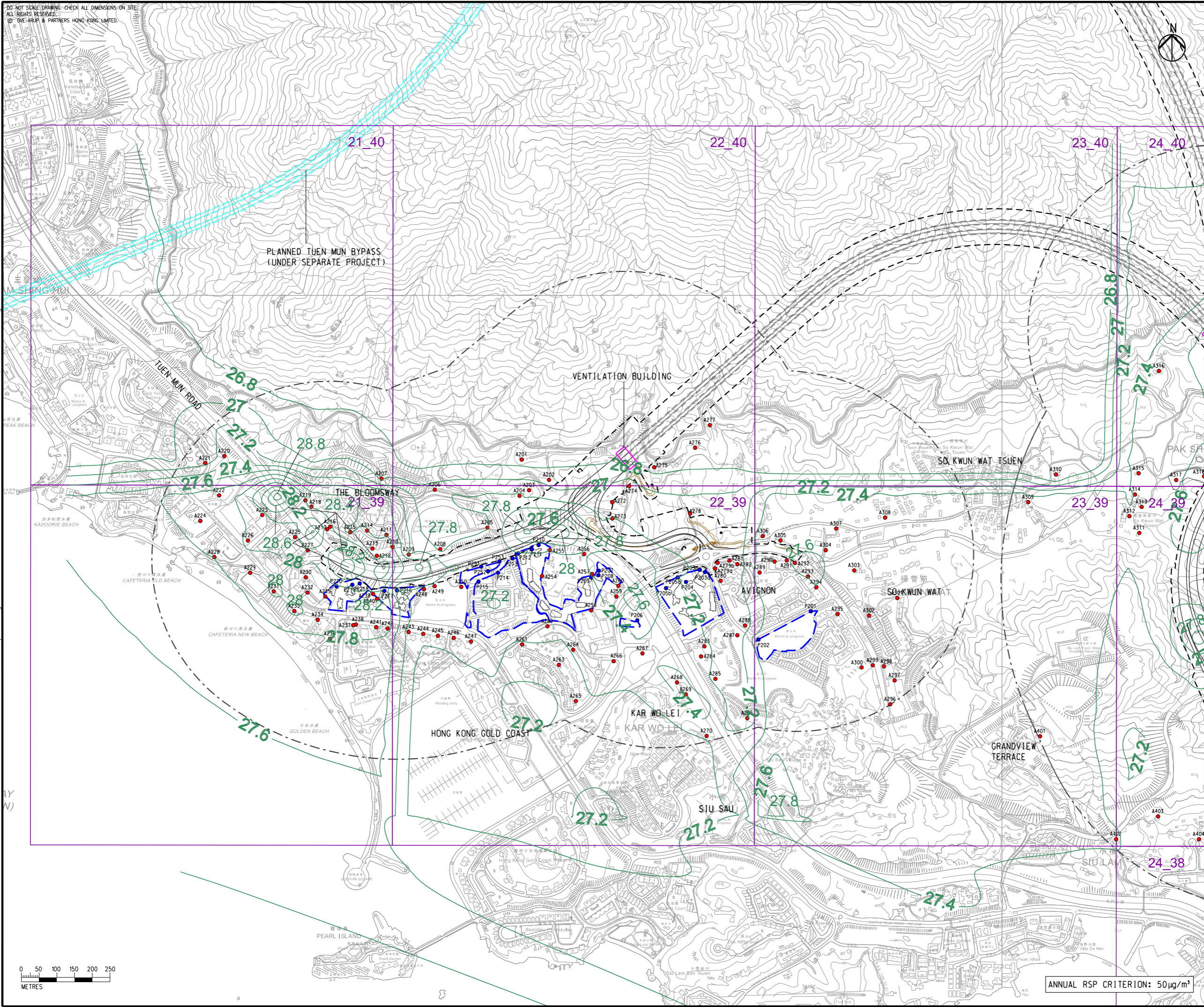
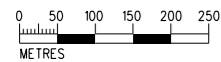
ANNUAL RSP CRITERION: 50µg/m³

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EIA Report\Figure 3.9bi - Contours Annual RSP (Year 2033) in SKW, SL and TL.dgn

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 - RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.9bi</b>		Rev. <b>B</b>	
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ANNUAL RSP CRITERION:  $50\mu\text{g}/\text{m}^3$



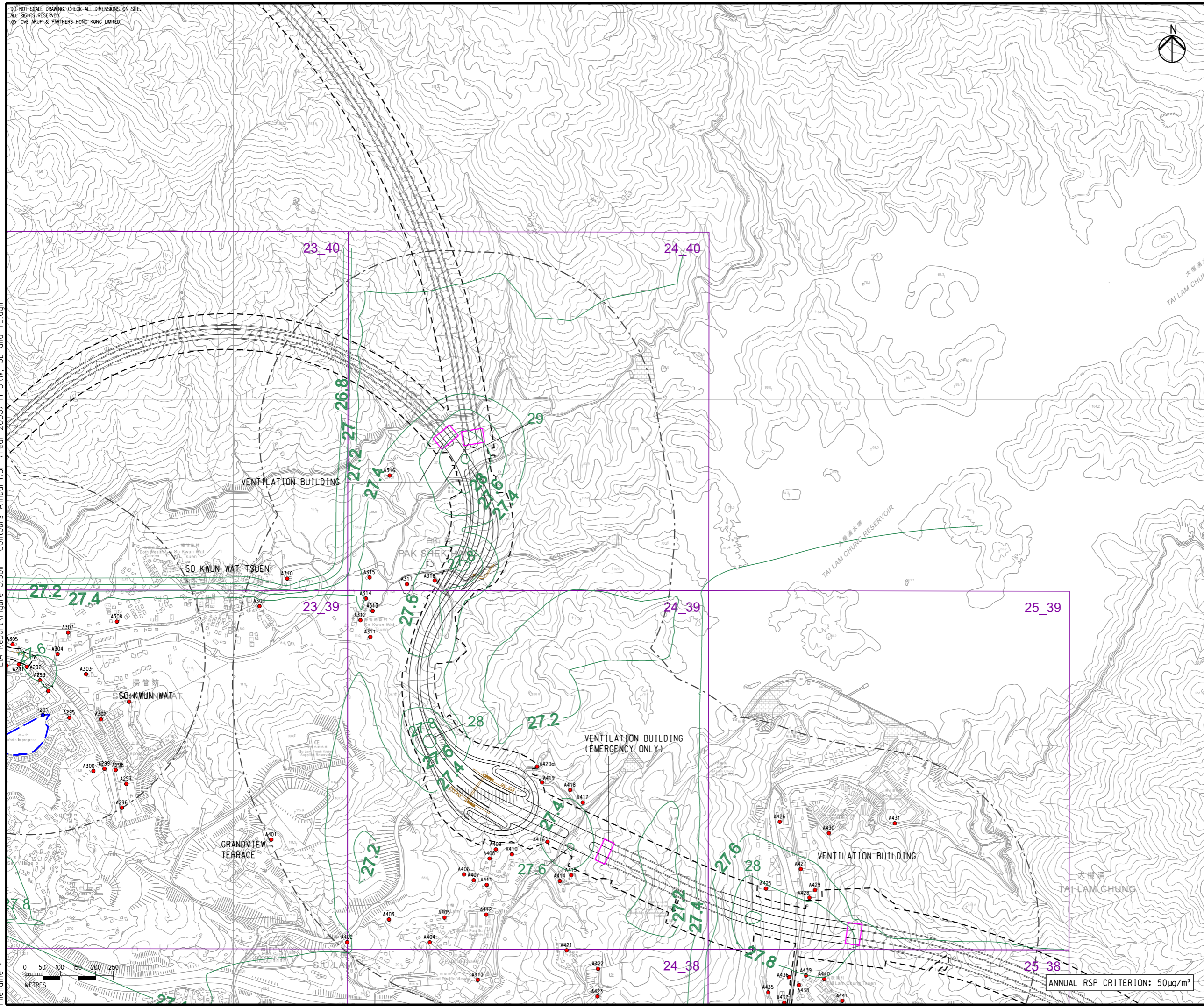
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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

EIA Report\Figure 3.9bii - Contours Annual RSP (Year 2033) in SKW, SL and TL.dgn

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Rev	Description	By	Date

Consultant **ARUP**

Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.9bii</b>		Rev. <b>B</b>	
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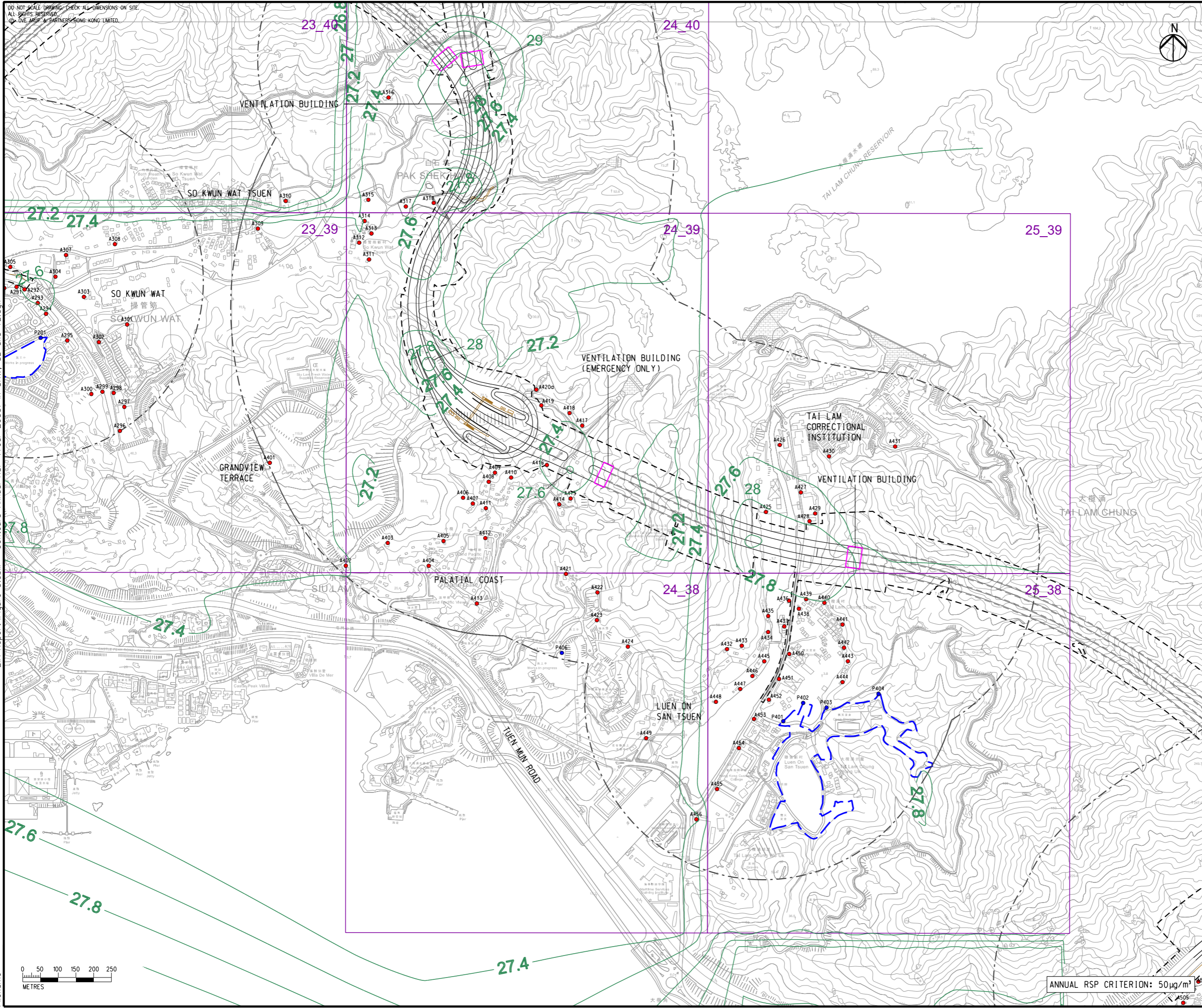
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EIA Report\Figure 3.9biii - Contours Annual RSP (Year 2033) in SKW, SL and TL.dgn

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  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 — RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL RSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWUN WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.9biii</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3	Status PRELIMINARY		

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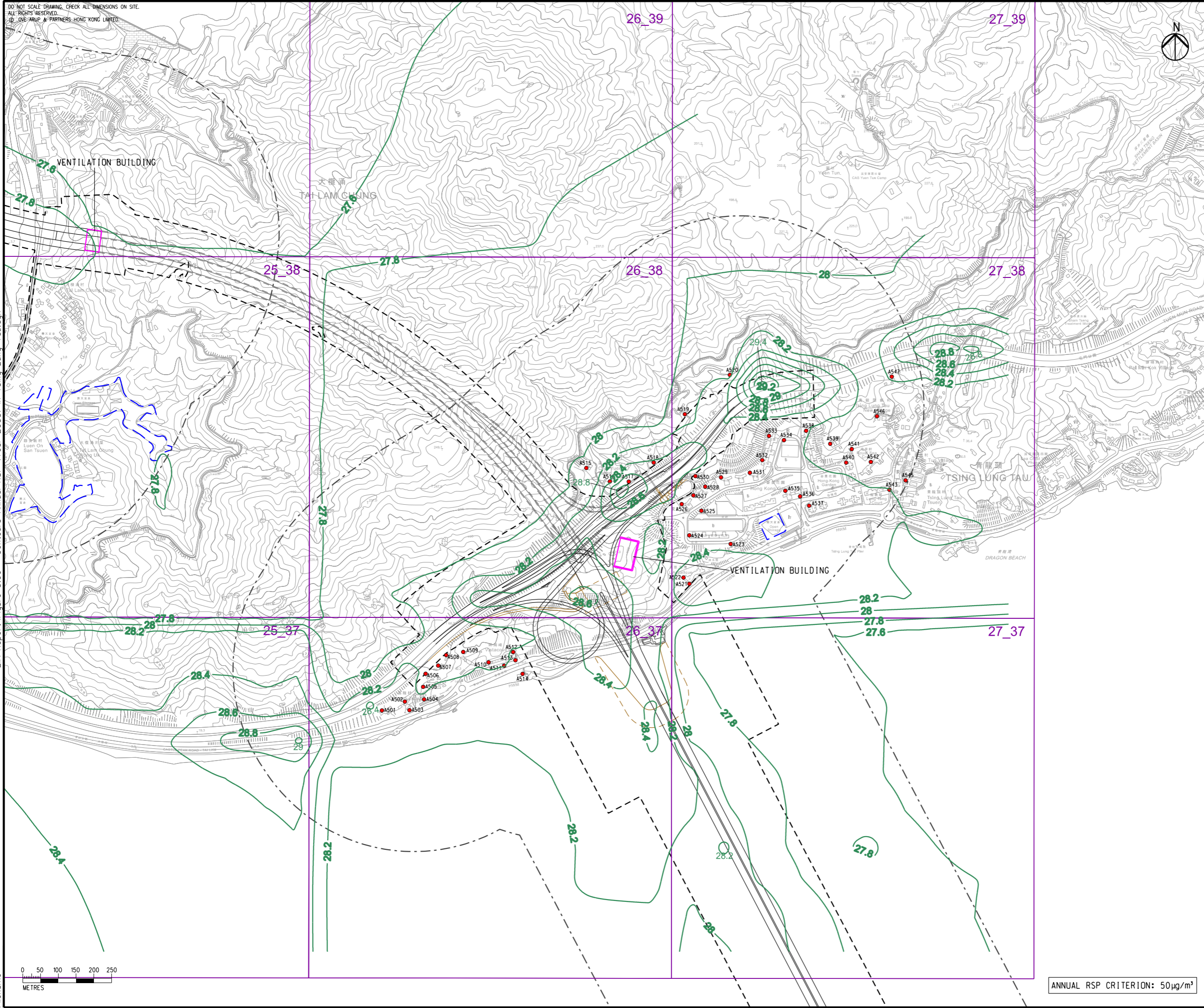
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EIA Report\Figure 3.9c - Contours Annual RSP (Year 2033) in Tsing Lung Tau.dgn

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  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 RSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL  
RSP CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2033)  
IN TSING LUNG TAU**

Drawing no. <b>FIGURE 3.9c</b>		Rev. <b>C</b>	
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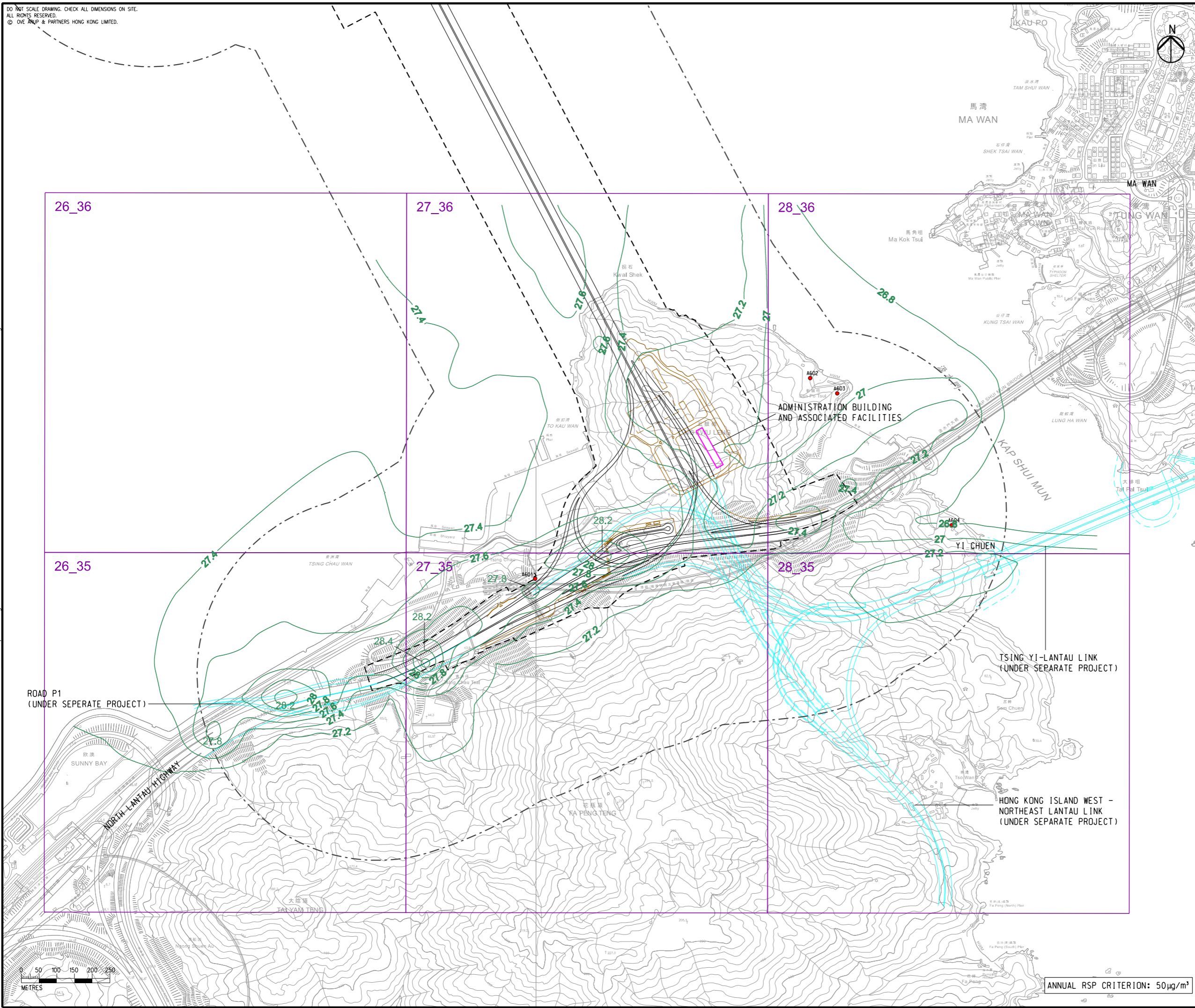
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EIA Report\Figure 3.9d - Contours Annual RSP (Year 2033) in North Lantau.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPARATE PROJECTS)
  - 27\_36 CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 RSP CONTOUR, µg/m³

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL  
RSP CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2033)  
IN NORTH LANTAU**

Drawing no. <b>FIGURE 3.9d</b>		Rev. <b>B</b>	
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Scale 1:10000 @ A3		Status PRELIMINARY	

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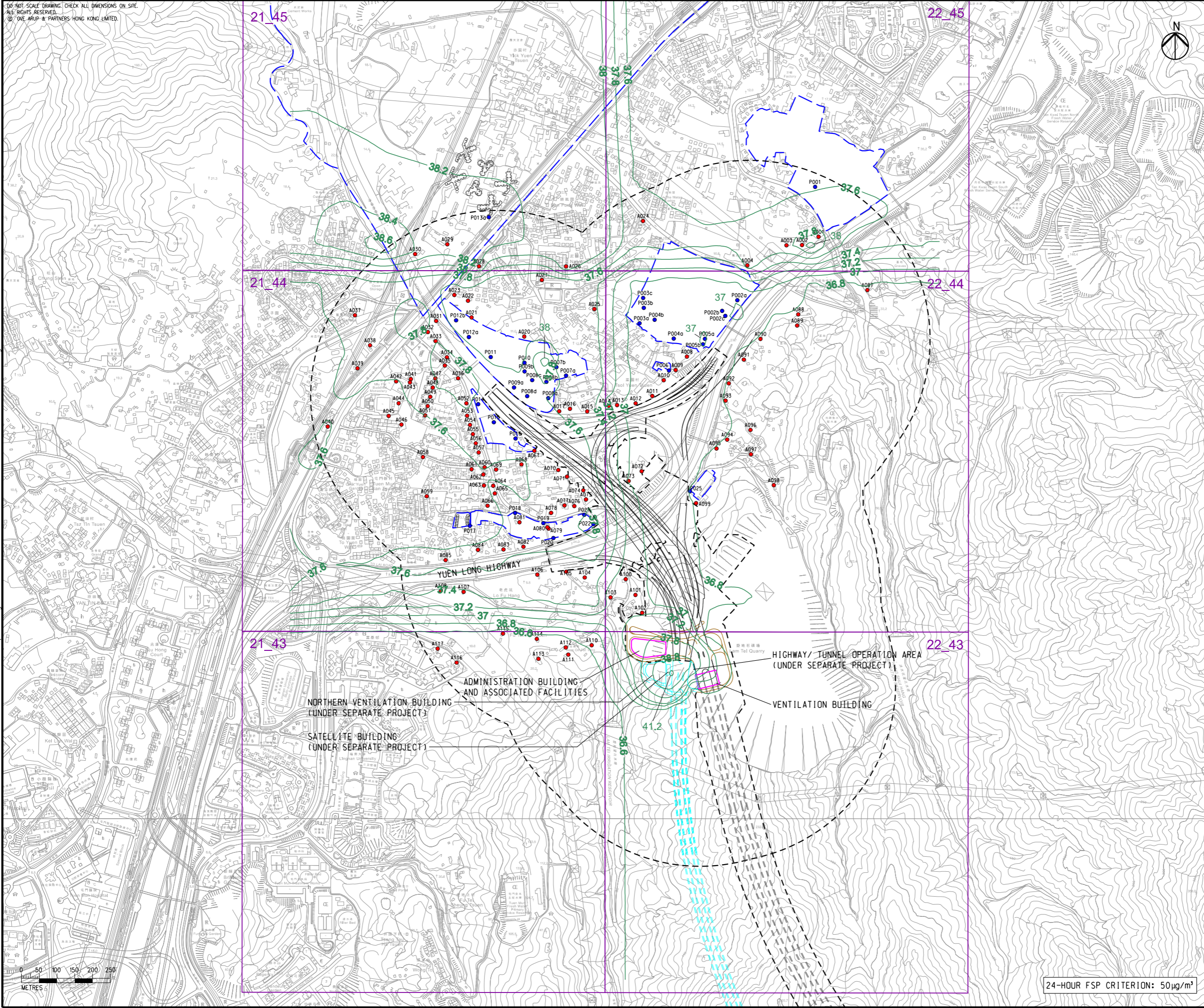
ANNUAL RSP CRITERION: 50µg/m³

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:IA Report\Figure 3.10a - Contours 24hr FSP (Year 2033) in Lam Tei.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 24-HOUR FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN LAM TEI**

Drawing no.		Rev.	
FIGURE 3.10a		C	
Drawn	Date	Checked	Approved
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Scale	Status		PRELIMINARY
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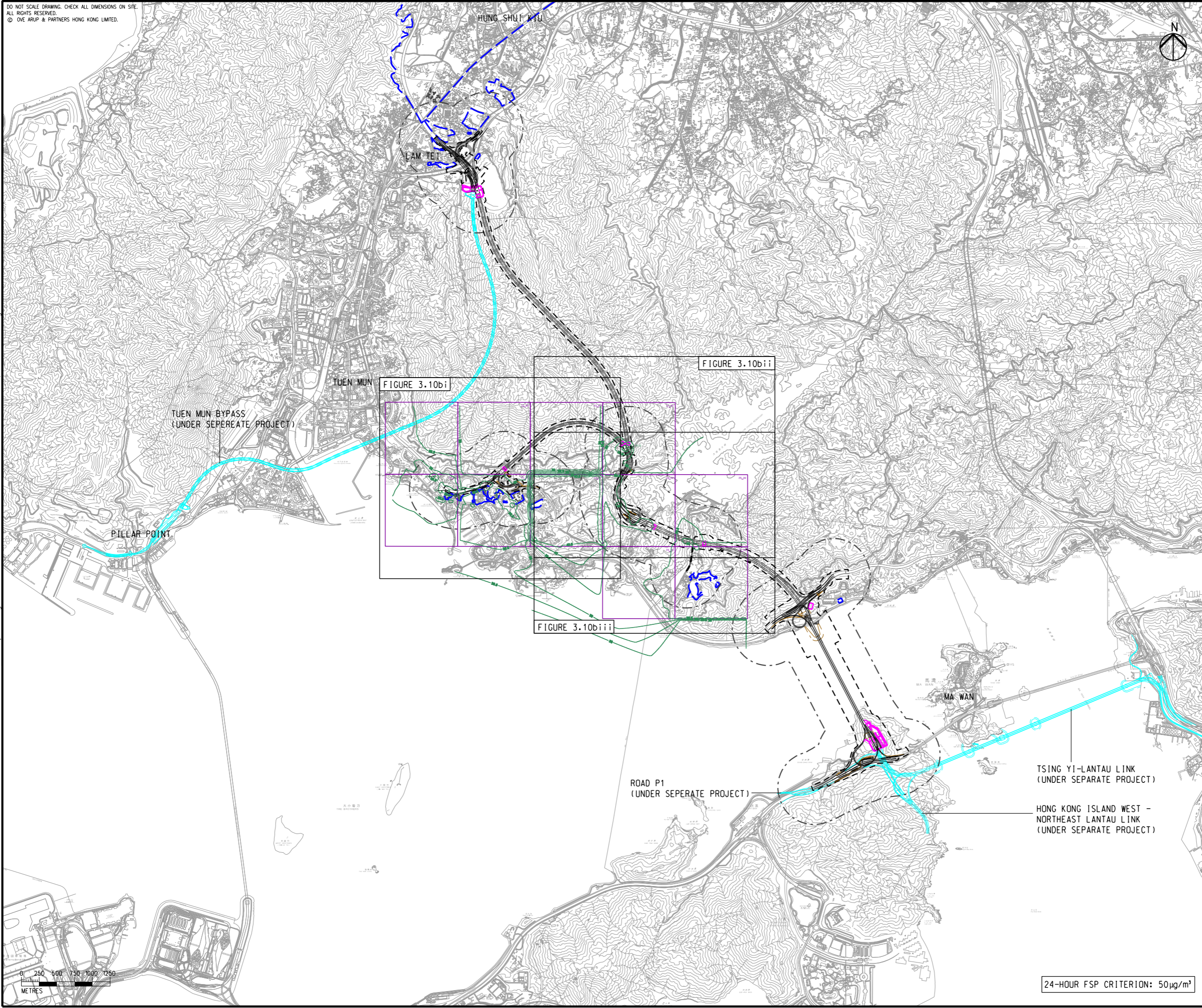
24-HOUR FSP CRITERION:  $50 \mu\text{g}/\text{m}^3$

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EIA Report\Figure 3.10b - Contours 24hr FSP (Year 2033) in SKW, SL and TL.dgn

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  - PROPOSED TUNNEL
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m CONSTRUCTION ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPERATE PROJECTS)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - 50 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 24-HOUR FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.10b</b>		Rev. <b>B</b>	
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Scale 1:50000 @ A3		Status PRELIMINARY	

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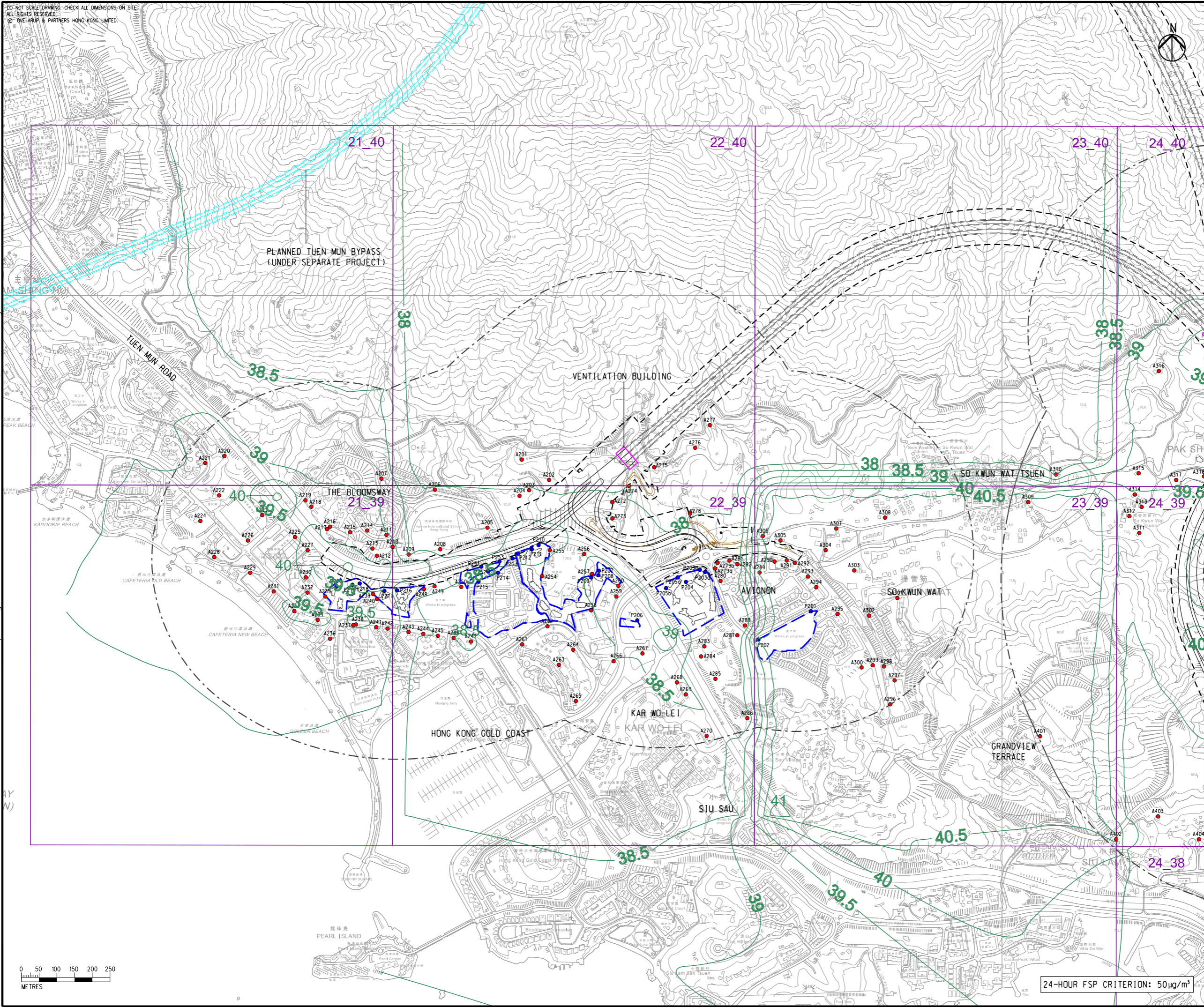
24-HOUR FSP CRITERION: 50 $\mu\text{g}/\text{m}^3$

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EIA Report\Figure 3.10bi - Contours 24hr FSP (Year 2033) in SKW, SL and TL.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 — FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

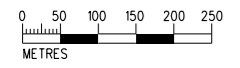
Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 24-HOUR FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.10bi</b>		Rev. <b>B</b>	
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24-HOUR FSP CRITERION:  $50 \mu\text{g}/\text{m}^3$



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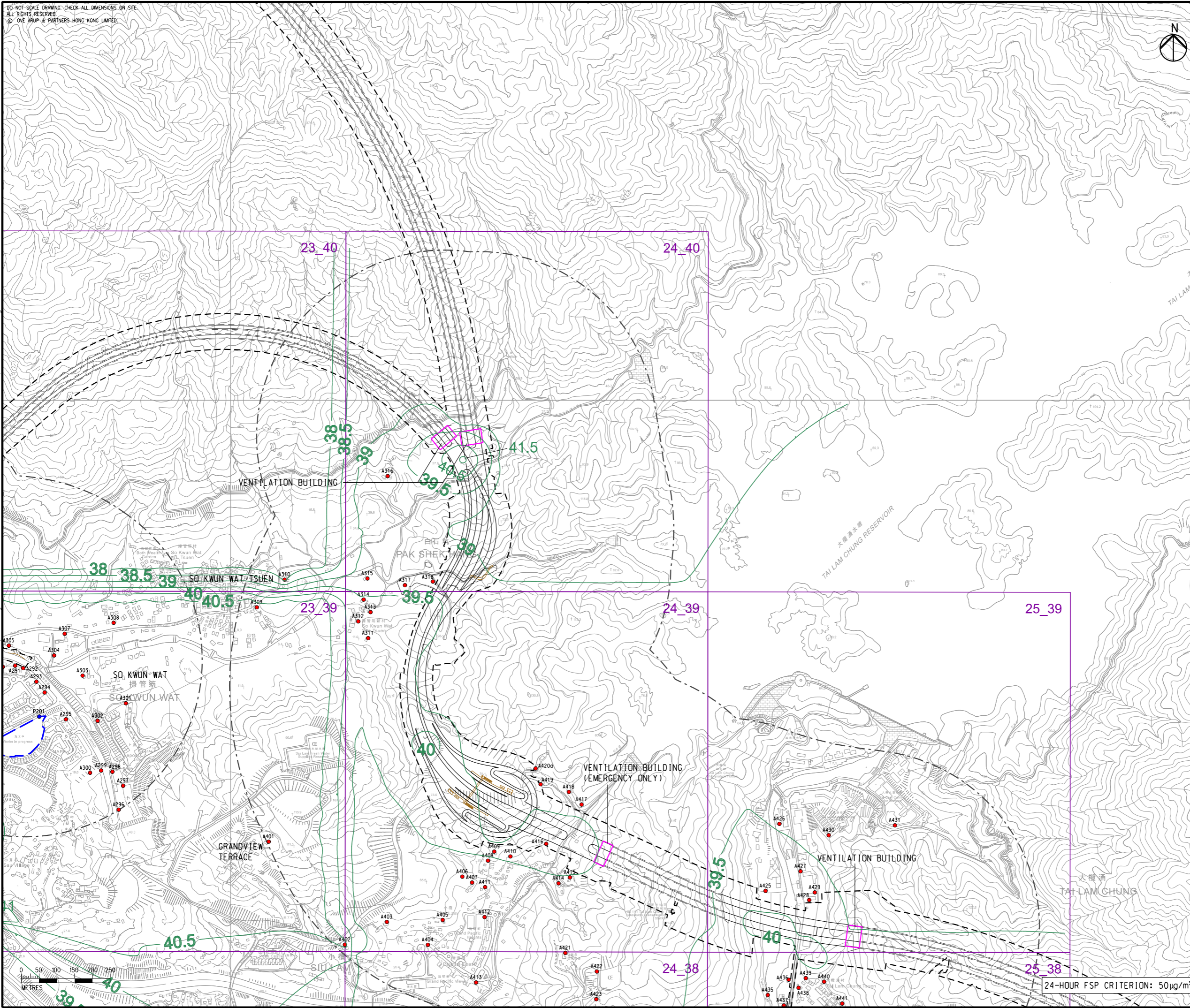


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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

EIA Report\Figure 3.10bii - Contours 24hr FSP (Year 2033) in SKW, SL and TL.dgn

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
19th HIGHEST 24-HOUR FSP  
CONCENTRATION AT 1.5m ABOVE  
GROUND (YEAR 2033) IN SO  
KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.10bii</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
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24-HOUR FSP CRITERION: 50  $\mu\text{g}/\text{m}^3$

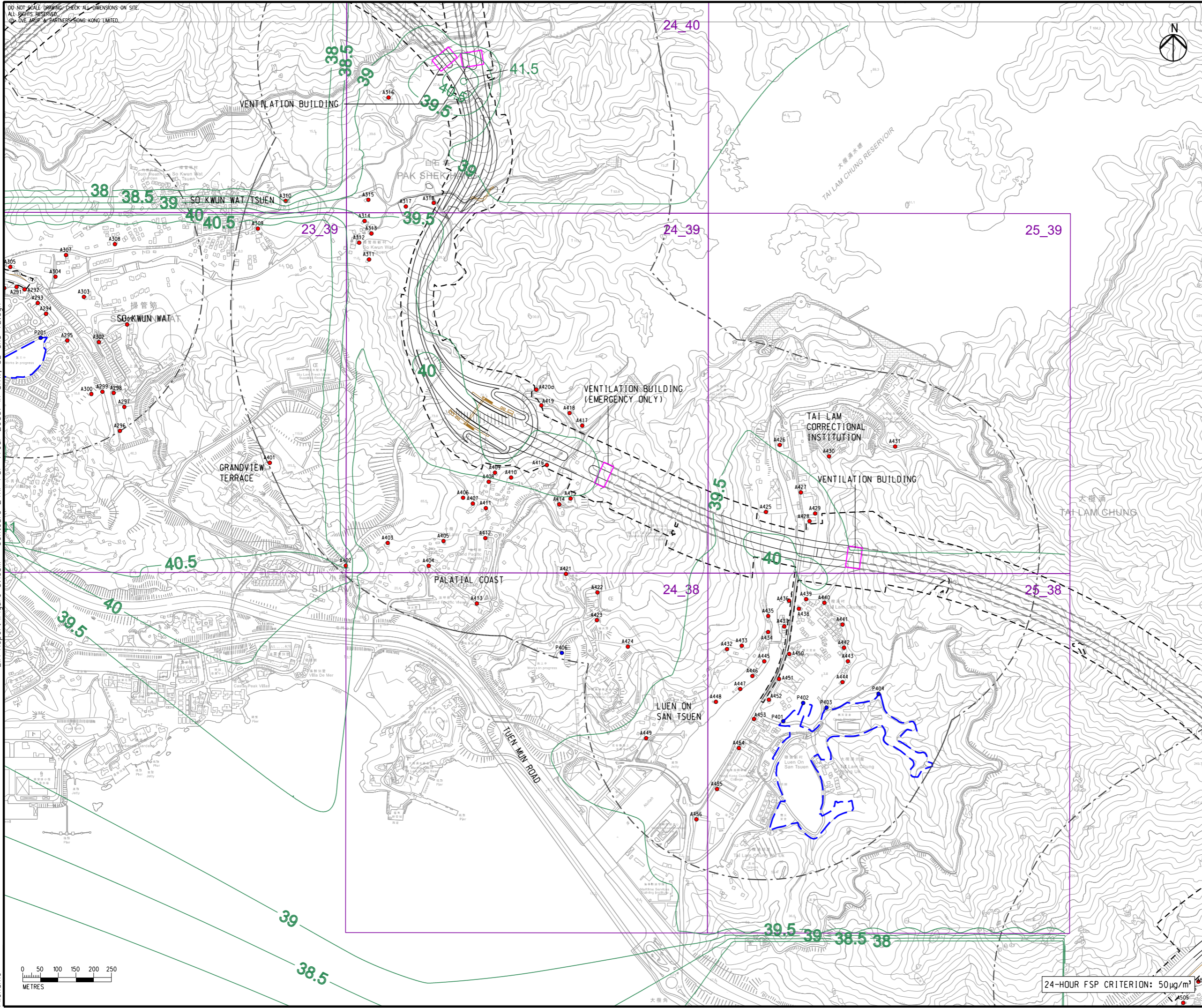


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  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 FSP CONTOUR, µg/m³

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Project Title  
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INVESTIGATION**

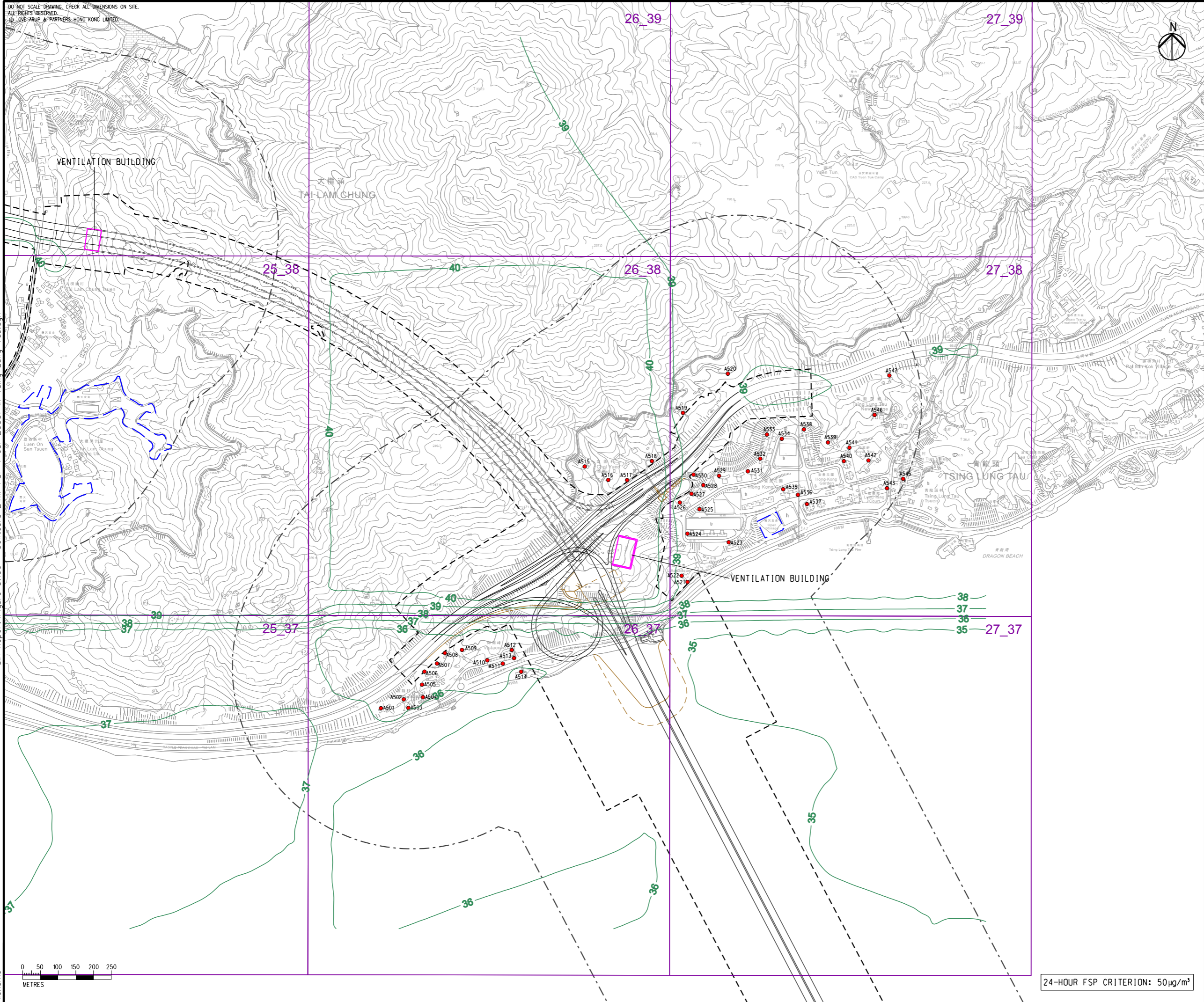
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**CONTOURS OF CUMULATIVE  
19th HIGHEST 24-HOUR FSP  
CONCENTRATION AT 1.5m ABOVE  
GROUND (YEAR 2033) IN SO  
KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.10biii</b>		Rev. <b>B</b>	
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  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$



EIA Report\Figure 3.10c - Contours 24hr FSP (Year 2033) in Tsing Lung Tau.dgn

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
19th HIGHEST 24-HOUR FSP  
CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2033)  
IN TSING LUNG TAU**

Drawing no. <b>FIGURE 3.10c</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
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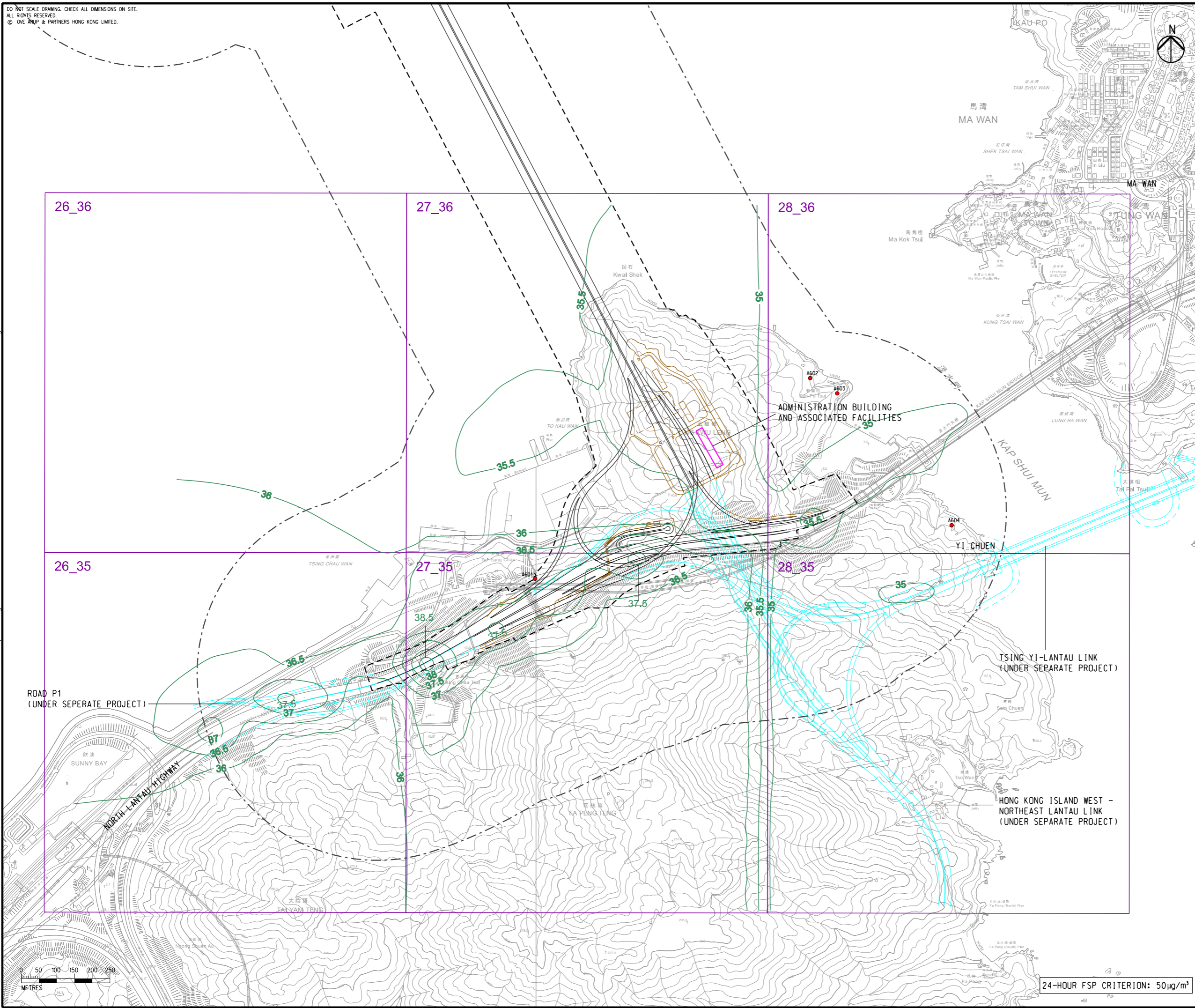
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EIA Report\Figure 3.10d - Contours 24hr FSP (Year 2033) in North Lantau.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPARATE PROJECTS)
  - 27\_36 CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 50 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE 19th HIGHEST 24-HOUR FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN NORTH LANTAU**

Drawing no. <b>FIGURE 3.10d</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3	Status PRELIMINARY		

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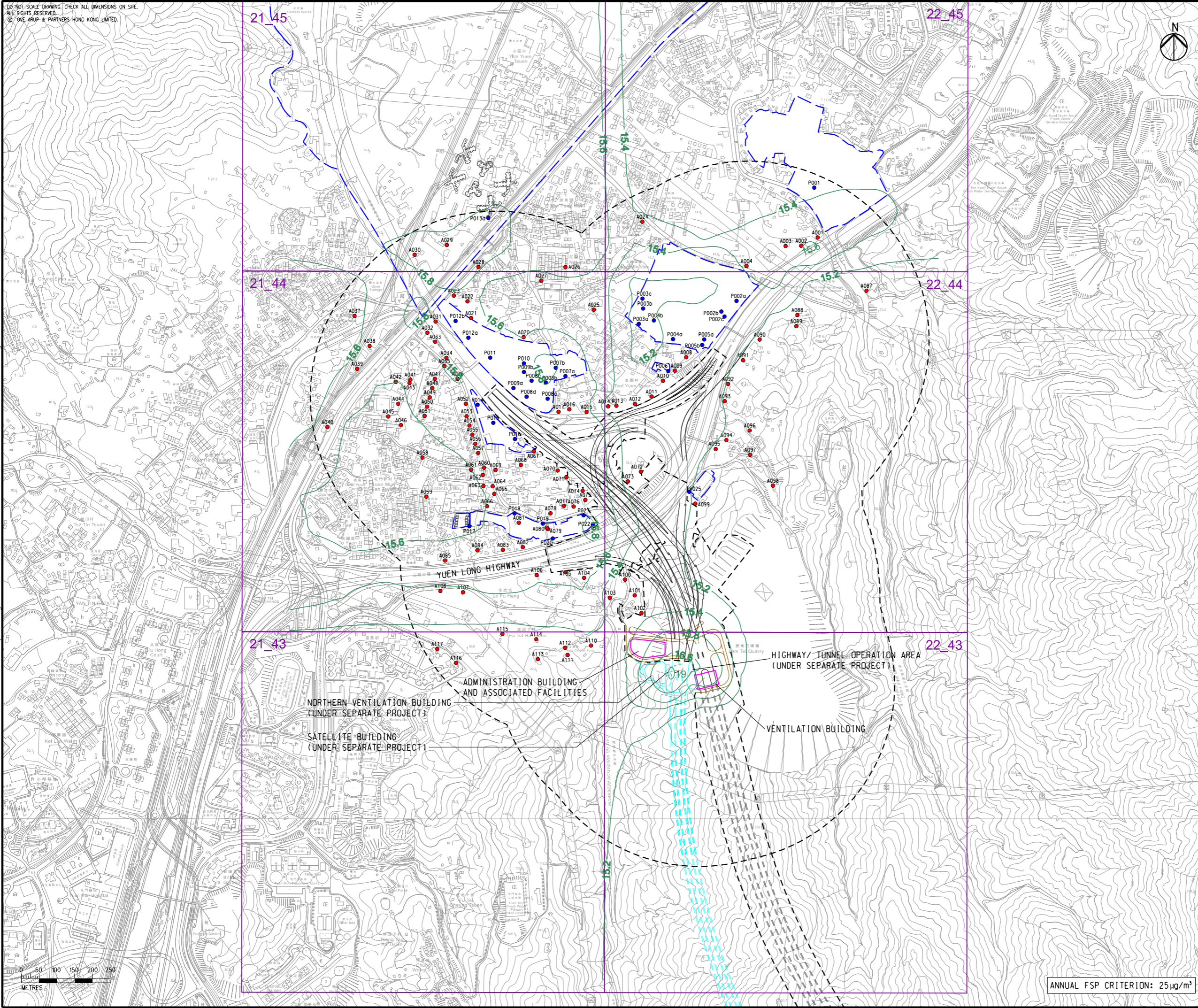
24-HOUR FSP CRITERION:  $50 \mu\text{g}/\text{m}^3$

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EIA Report\Figure 3.11a - Contours Annual FSP (Year 2033) in Lam Tei.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 25 — FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

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Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN LAM TEI**

Drawing no. <b>FIGURE 3.11a</b>		Rev. <b>C</b>	
Drawn	Date	Checked	Approved
GL	08/23	TL	FC
Scale	1:10000 @ A3		Status <b>PRELIMINARY</b>

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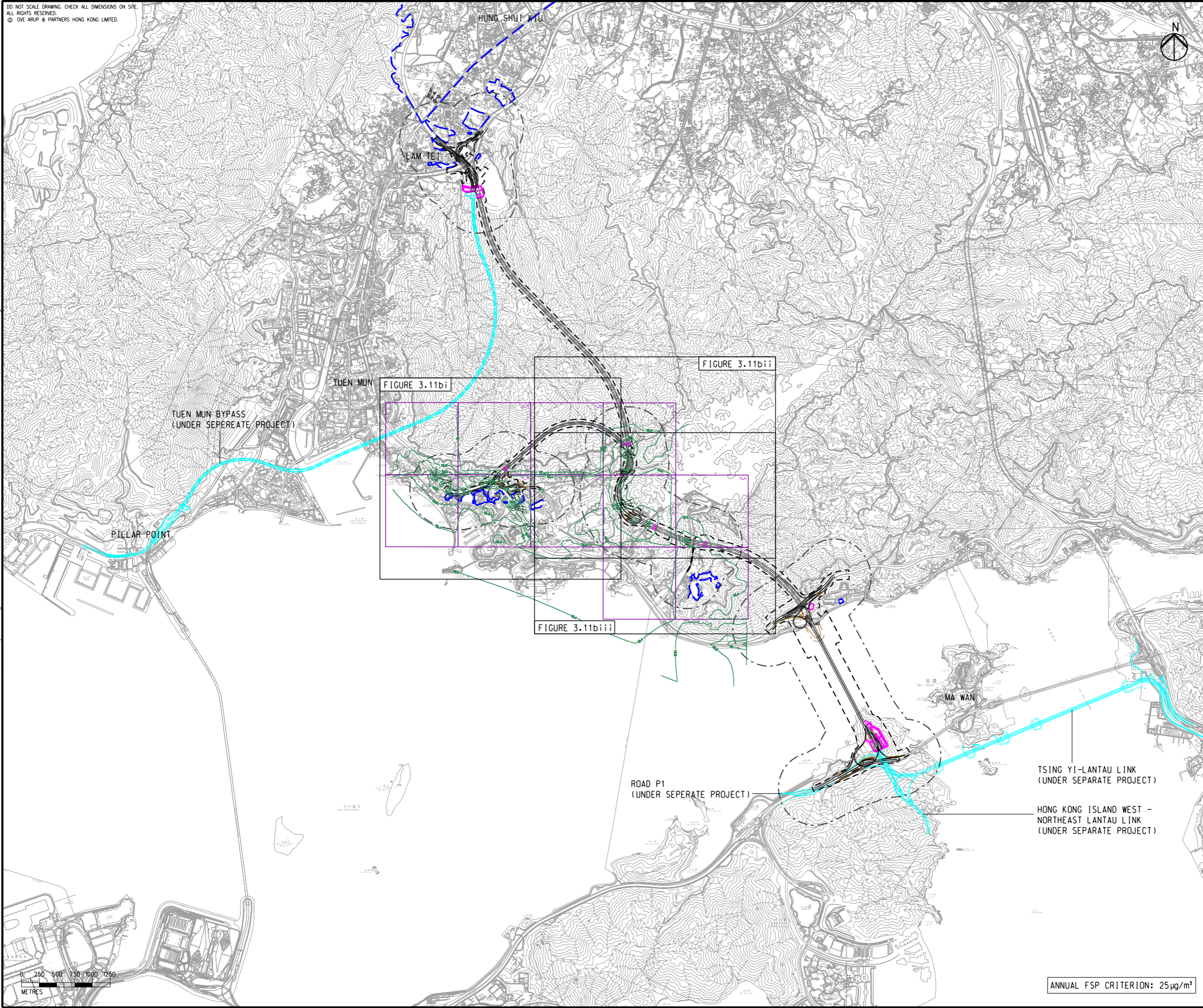
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  - PROPOSED TUNNEL
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m CONSTRUCTION ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPERATE PROJECTS)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - 25 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

Rev	Description	By	Date
B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23

Consultant  
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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.11b</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:50000 @ A3		Status PRELIMINARY	

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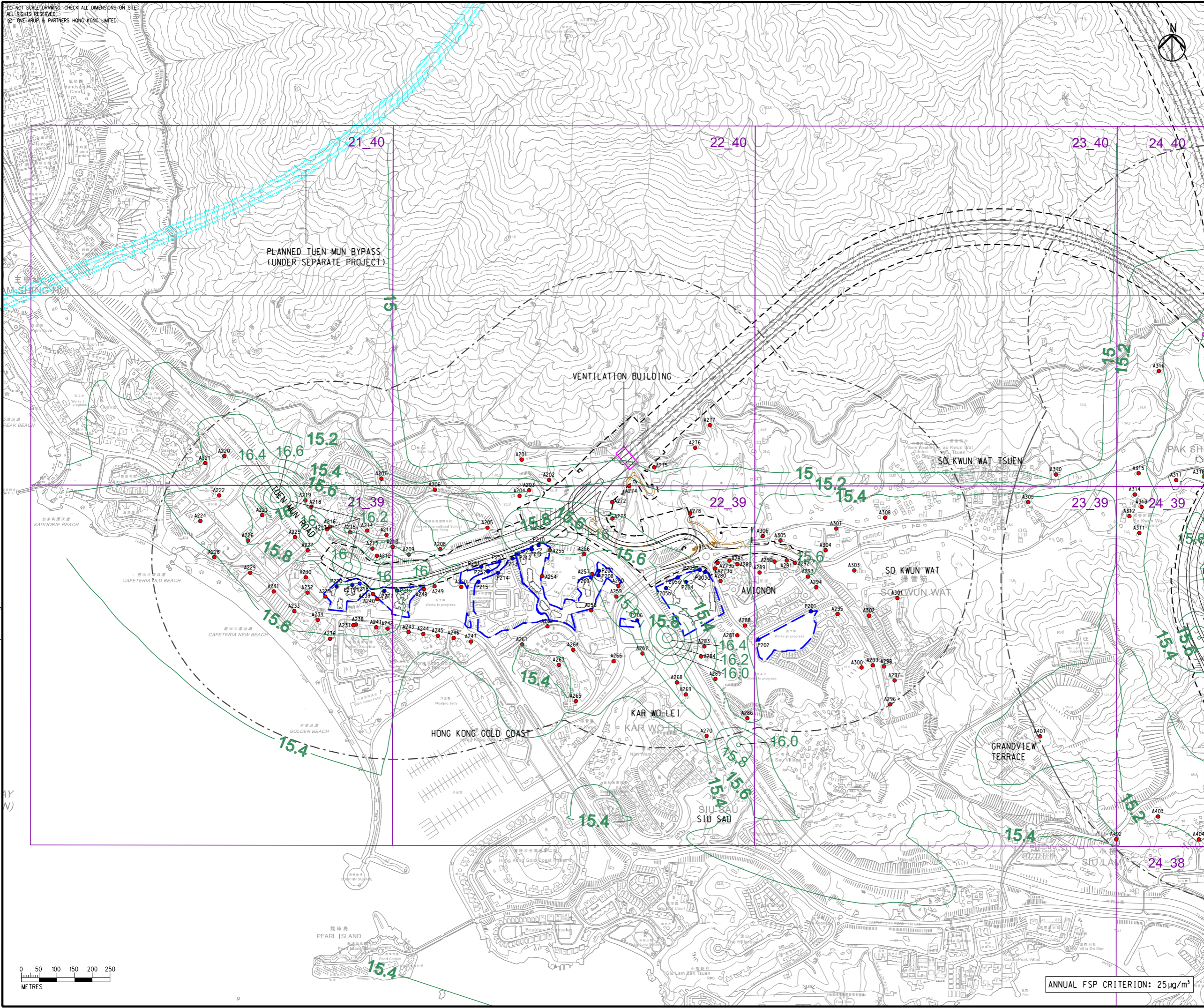
ANNUAL FSP CRITERION:  $25\mu\text{g}/\text{m}^3$

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EIA Report\Figure 3.11bi - Contours Annual FSP (Year 2033) in SKW, SL and TL.dgn

22/8/2023

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- LEGEND**
- PROPOSED ELEVATED/ AT-GRADE ROAD
  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 25 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

Rev	Description	By	Date
B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23

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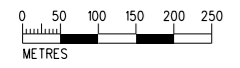
Project Title  
**ROUTE 11**  
 (SECTION BETWEEN YUEN LONG AND NORTH LANTAU) - INVESTIGATION

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL FSP CONCENTRATION AT 1.5m ABOVE GROUND (YEAR 2033) IN SO KWU WAT, SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.11bi</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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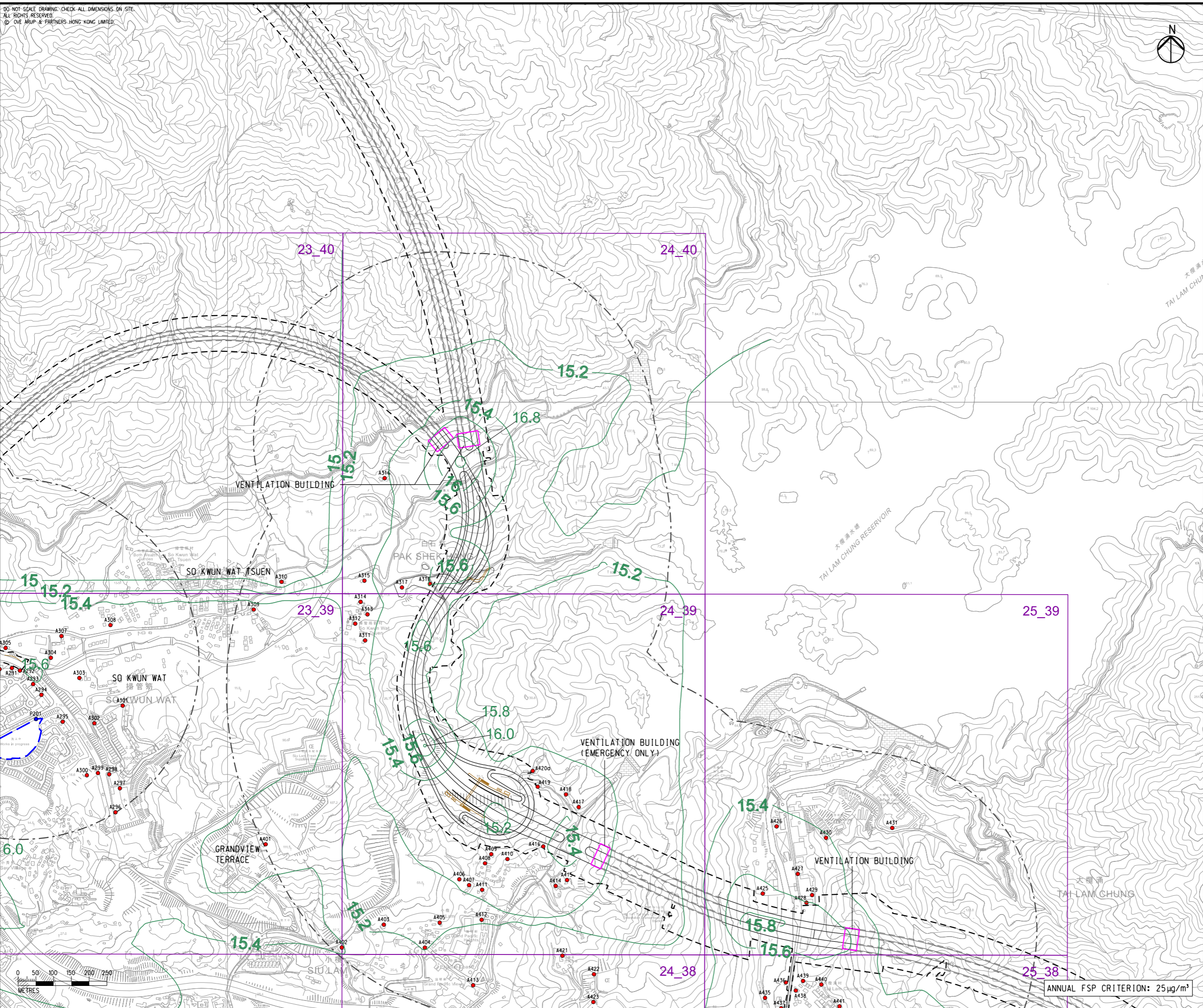
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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - 25 FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

EIA Report\Figure 3.11bii - Contours Annual FSP (Year 2033) in SKW, SL and TL.dgn

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B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11  
 (SECTION BETWEEN YUEN LONG  
 AND NORTH LANTAU) -  
 INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
 ANNUAL FSP CONCENTRATION  
 AT 1.5m ABOVE GROUND  
 (YEAR 2033) IN SO KWU WAT,  
 SIU LAM AND TAI LAM**

Drawing no.	FIGURE 3.11bii		Rev.	B			
Drawn	GL	Date	08/23	Checked	TL	Approved	FC
Scale	1:10000 @ A3		Status	PRELIMINARY			

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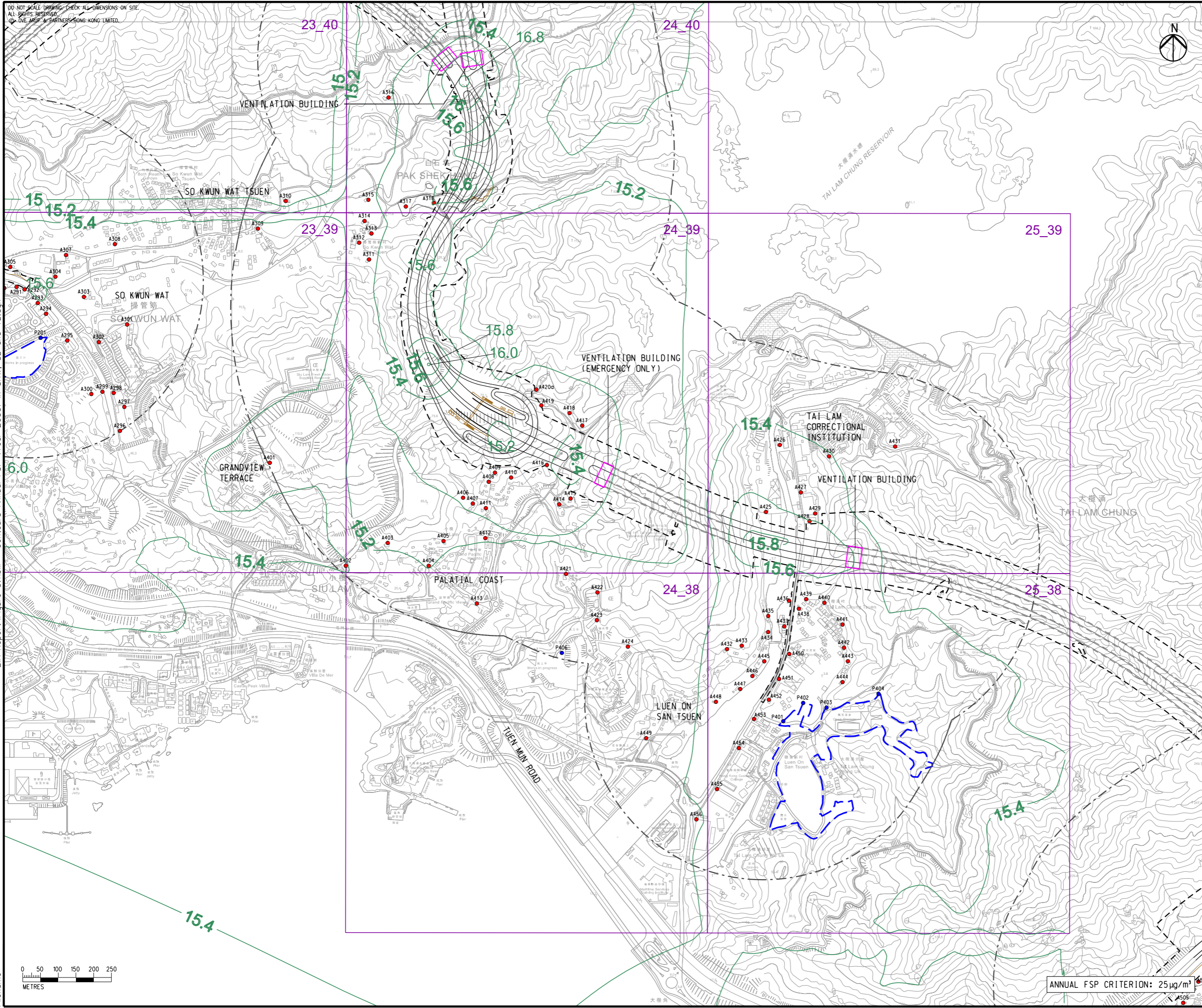
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EIA Report\Figure 3.11biii - Contours Annual FSP (Year 2033) in SKW, SL and TL.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED TUEN MUN BYPASS (UNDER SEPARATE PROJECT)
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - COMMITTED/PLANNED REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

Consultant **ARUP**

Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE  
ANNUAL FSP CONCENTRATION  
AT 1.5m ABOVE GROUND  
(YEAR 2033) IN SO KWU WAT,  
SIU LAM AND TAI LAM**

Drawing no. <b>FIGURE 3.11biii</b>		Rev. <b>B</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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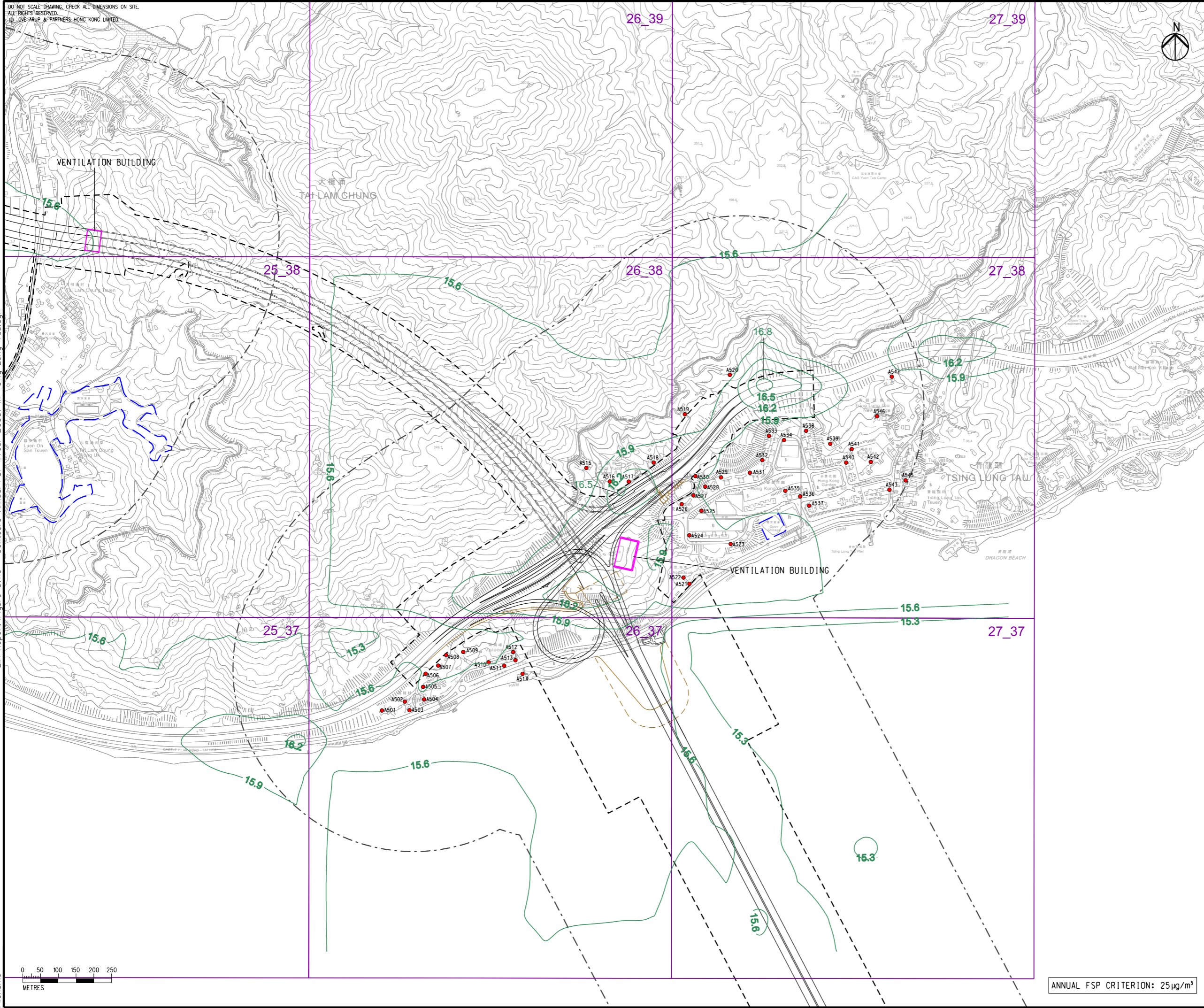


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EIA Report\Figure 3.11c - Contours Annual FSP (Year 2033) in Tsing Lung Tau.dgn

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Filename :



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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - COMMITTED/PLANNED DEVELOPMENTS
  - CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

C	THIRD ISSUE	GL	08/23
B	SECOND ISSUE	GL	07/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL  
FSP CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2033)  
IN TSING LUNG TAU**

Drawing no. <b>FIGURE 3.11c</b>		Rev. <b>C</b>	
Drawn GL	Date 08/23	Checked TL	Approved FC
Scale 1:10000 @ A3		Status PRELIMINARY	

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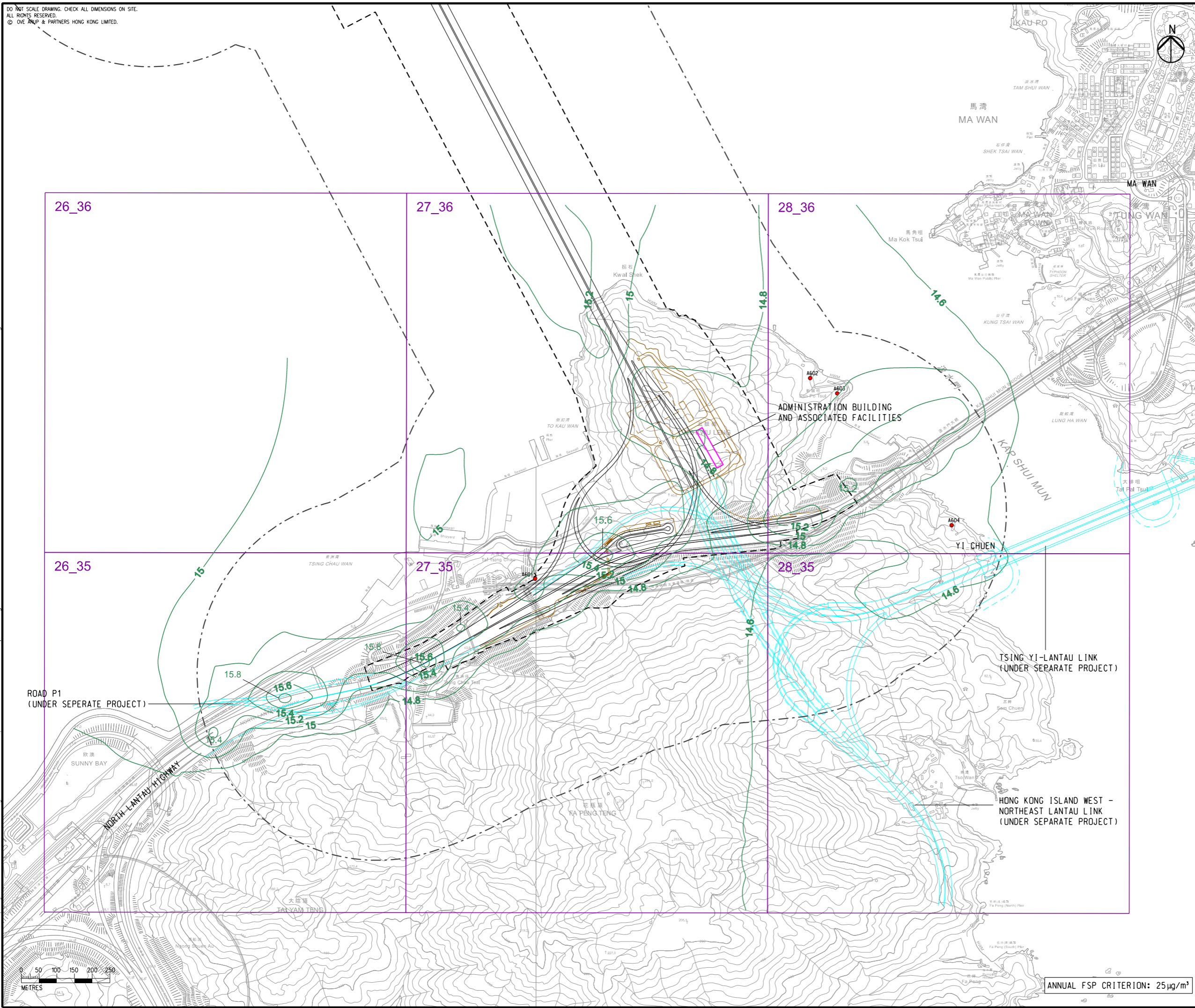
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EIA Report\Figure 3.11d - Contours Annual FSP (Year 2033) in North Lantau.dgn

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  - PROPOSED TUNNEL
  - HIGHWAY/ TUNNEL OPERATION AND MAINTENANCE FACILITIES
  - PROJECT ELEMENT
  - SITE BOUNDARY
  - 500m OPERATIONAL ASSESSMENT AREA
  - PLANNED ROAD NETWORK (UNDER SEPARATE PROJECTS)
  - 27\_36 CONCERNED PATH GRID
  - EXISTING REPRESENTATIVE AIR SENSITIVE RECEIVERS
  - FSP CONTOUR,  $\mu\text{g}/\text{m}^3$

B	SECOND ISSUE	GL	08/23
A	FIRST ISSUE	GL	06/23
Rev	Description	By	Date

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Project Title  
**ROUTE 11  
(SECTION BETWEEN YUEN LONG  
AND NORTH LANTAU) -  
INVESTIGATION**

Drawing title  
**CONTOURS OF CUMULATIVE ANNUAL  
FSP CONCENTRATION AT 1.5m  
ABOVE GROUND (YEAR 2033)  
IN NORTH LANTAU**

Drawing no. <b>FIGURE 3.11d</b>		Rev. <b>B</b>	
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