

FIGURE 3.7.1ai

FIGURE 3.7.1a ii

**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER<sup>(1)</sup>
- 500 TSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

PLOT DIR: g:\common\mtr\c1202\env\project\12171613\draining\deliverables\report\037 Air Impact Assessment\WP\FIGURE\_3.7.1a.D.dgn  
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C	THIRD ISSUE				GL	121021	FC		
B	SECOND ISSUE				GL	240821	FC		
A	FIRST ISSUE				GL	110621	FC		

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**MTR**  
 C1202 - EIA for Tung Chung Line Extension  
 ORIGINATOR: **ARUP** Ove Arup & Partners Hong Kong Limited  
 CADD REF.: FIGURE 3.7.1a.D.dgn

**TITLE**  
 MITIGATED CUMULATIVE MAXIMUM 1-HOUR TSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 1 OF 3)  
 SCALE: AS SHOWN  
 DRAWING NO.: FIGURE 3.7.1a  
 REV.: D

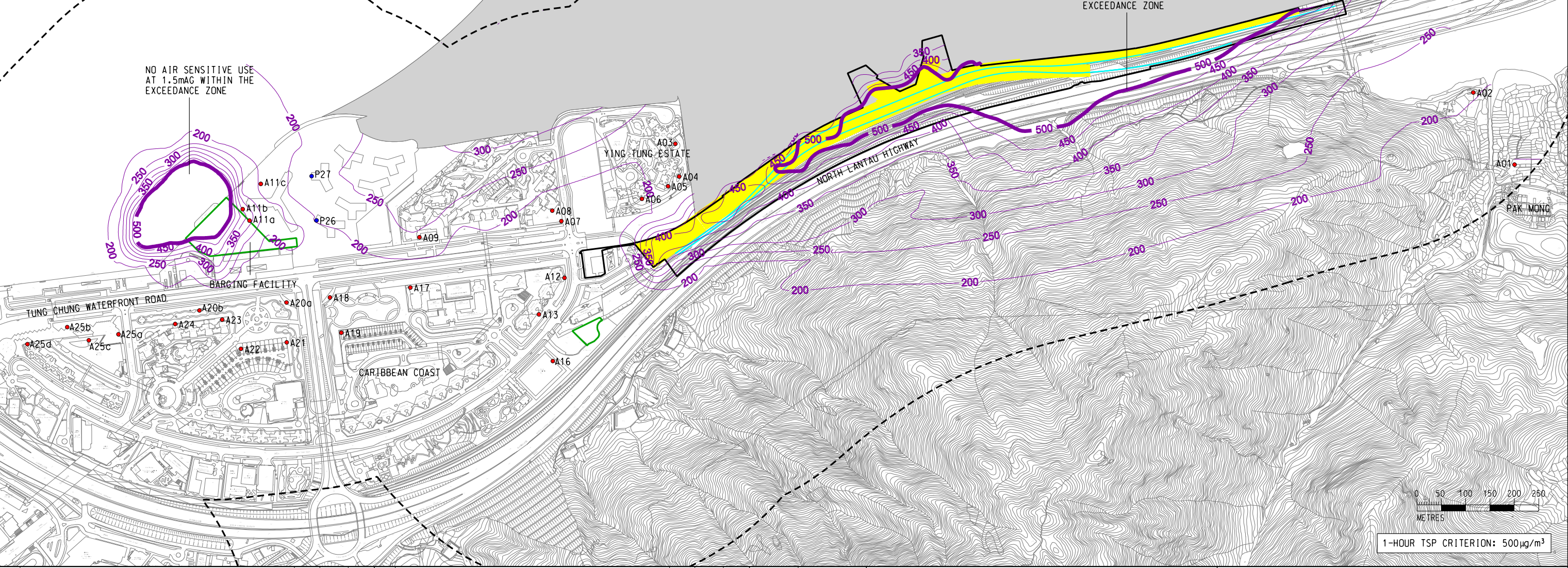


**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 500- TSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7



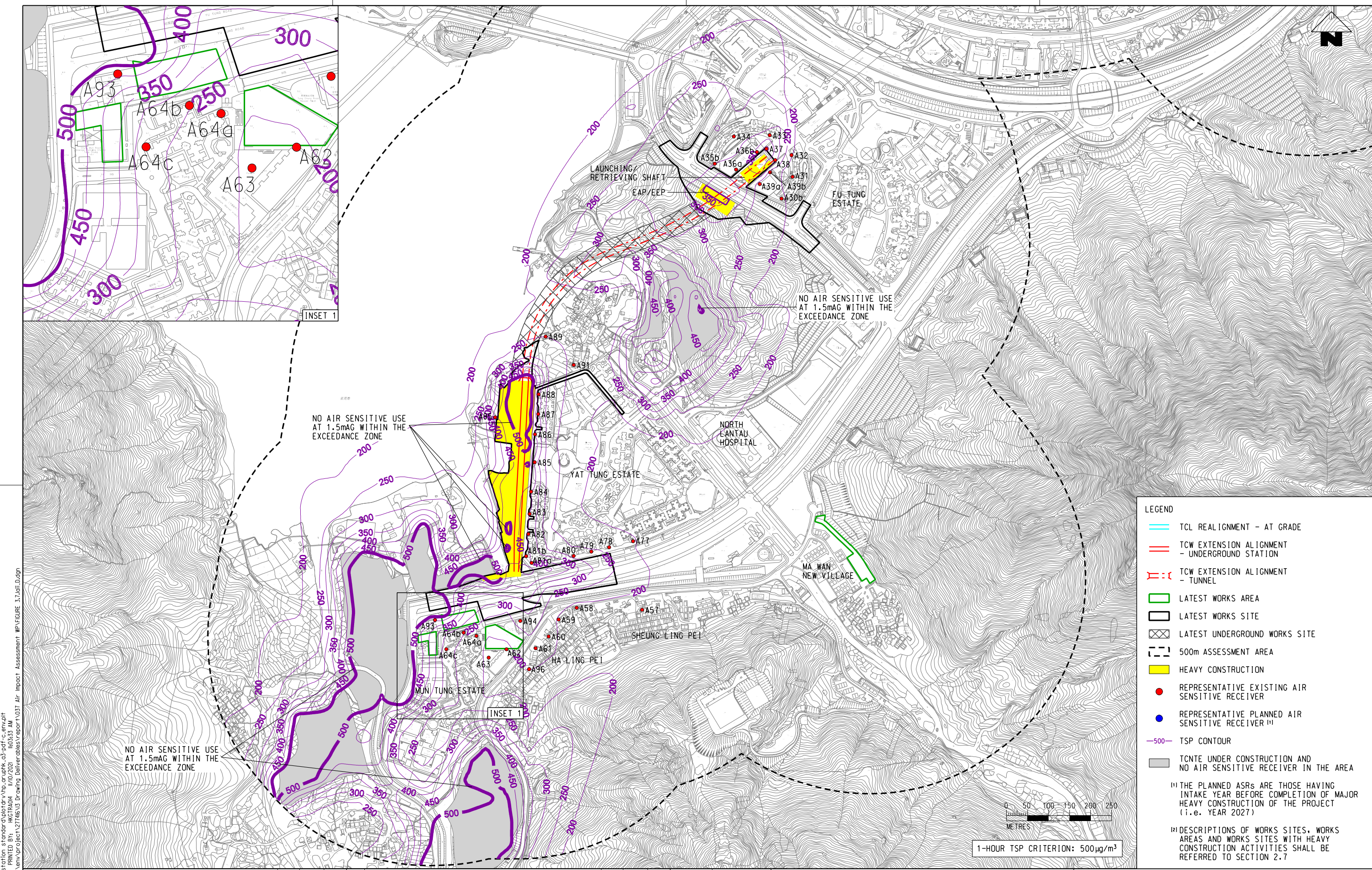
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A	FIRST ISSUE	GL	110621	FC					

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 CHECKED: EL  
 APPROVED: FC  
 DATE: 10/11/2021  
 ORIGINATOR: ARUP  
 Ove Arup & Partners  
 Hong Kong Limited  
 CADD REF.: FIGURE 3.7.1a1\_D.dgn

**TITLE**  
 MITIGATED CUMULATIVE MAXIMUM 1-HOUR TSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 2 OF 3)  
 SCALE: AS SHOWN  
 DRAWING NO.: FIGURE 3.7.1a1  
 REV.: D





**LEGEND**

- TCL REALIGNMENT - AT GRADE
- = TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 500 TSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

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 DATE: 10/11/2021  
**MTR**  
 C1202 - EIA for Tung Chung Line Extension  
 ORIGINATOR:  
**ARUP** Ove Arup & Partners  
 Hong Kong Limited  
 CADD REF.

**TITLE**  
 MITIGATED CUMULATIVE MAXIMUM 1-HOUR  
 TSP CONCENTRATIONS AT 1.5m ABOVE GROUND  
 (YEAR 2023)  
 (SHEET 3 OF 3)

SCALE: AS SHOWN  
 DRAWING NO.: **FIGURE 3.7.1aii**  
 REV: **D**

FIGURE 3.7.1aii.D.dgn



FIGURE 3.7.1bi

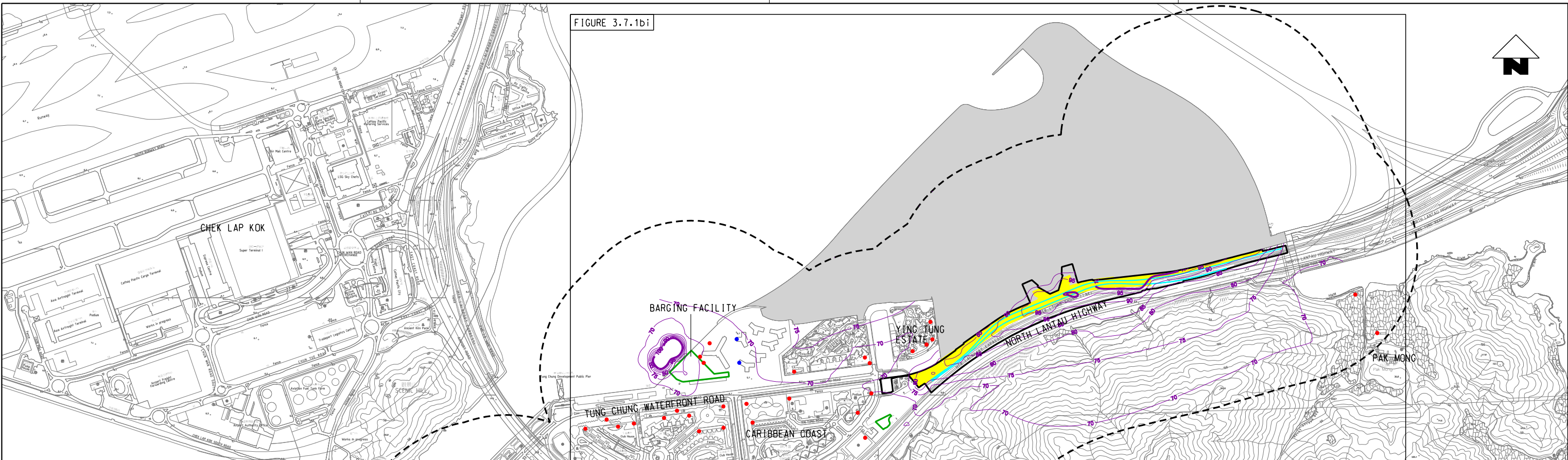
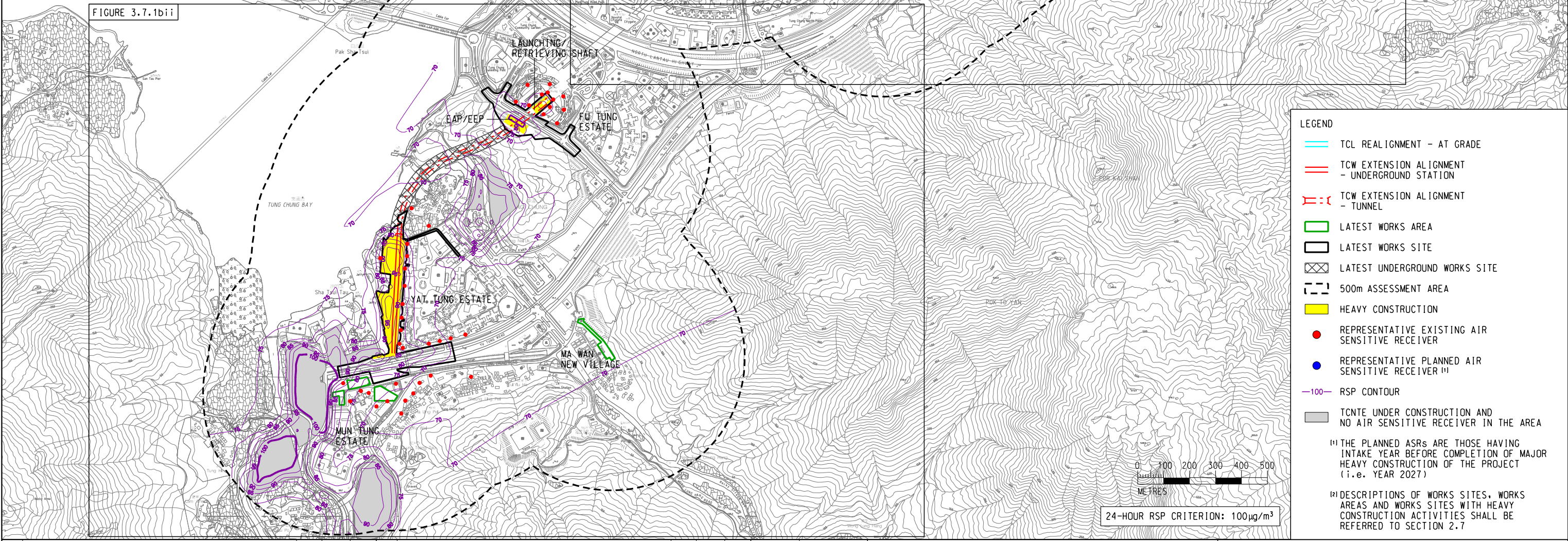


FIGURE 3.7.1bii



**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 100 RSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

24-HOUR RSP CRITERION: 100µg/m<sup>3</sup>

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A	FIRST ISSUE				GL	110621	FC		

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 DATE: 10/11/2021  
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**ARUP** Ove Arup & Partners  
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 CADD REF.: FIGURE 3.7.1b.D.dgn

TITLE: MITIGATED CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 1 OF 3)  
 SCALE: AS SHOWN  
 DRAWING NO.: FIGURE 3.7.1b  
 REV.: D

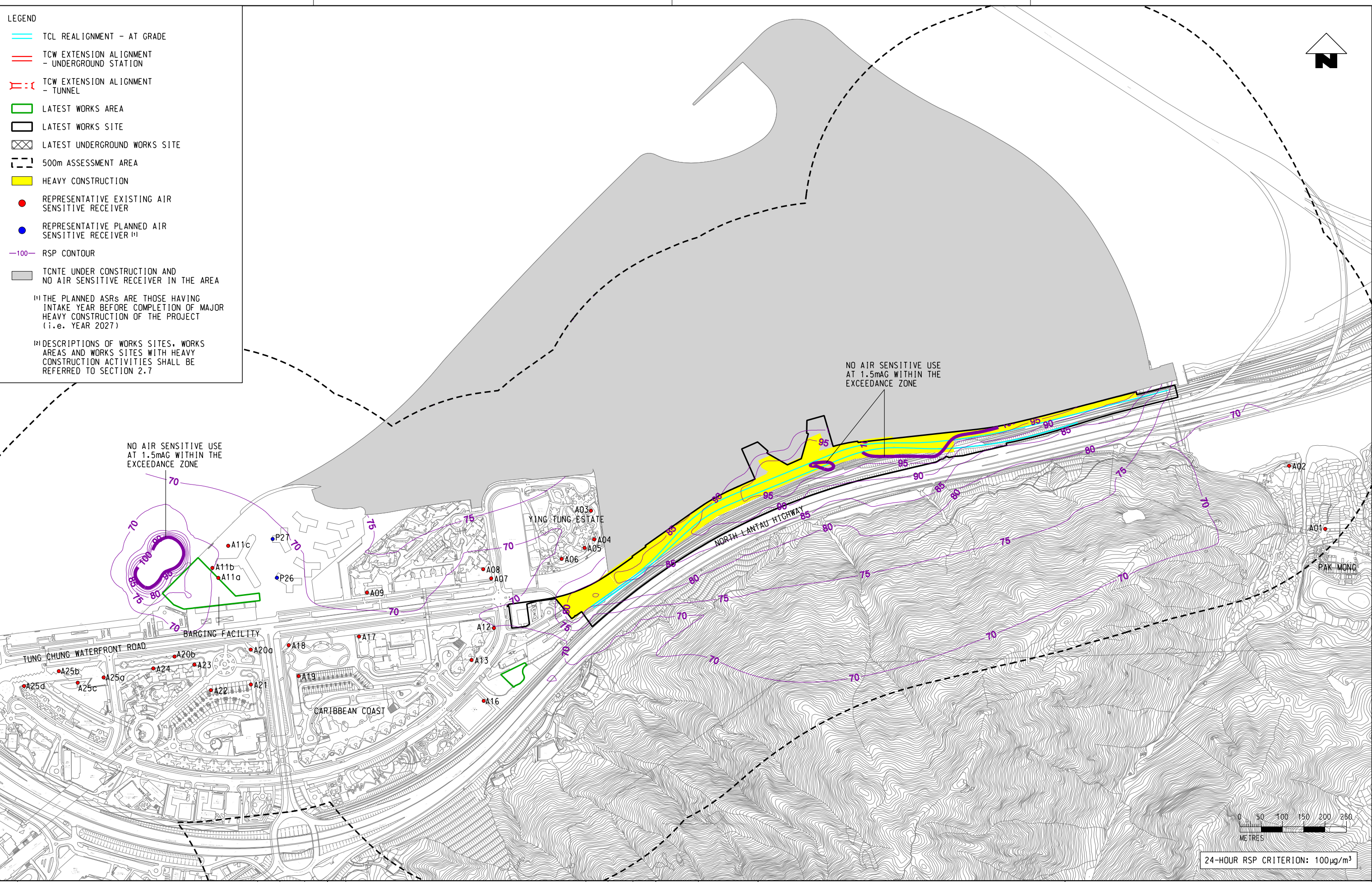


**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 100 RSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7



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ORIGINATOR

**ARUP** Ove Arup & Partners  
Hong Kong Limited

CADD REF. FIGURE 3.7.1b1.dgn

TITLE

**MITIGATED CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023)**  
(SHEET 2 OF 3)

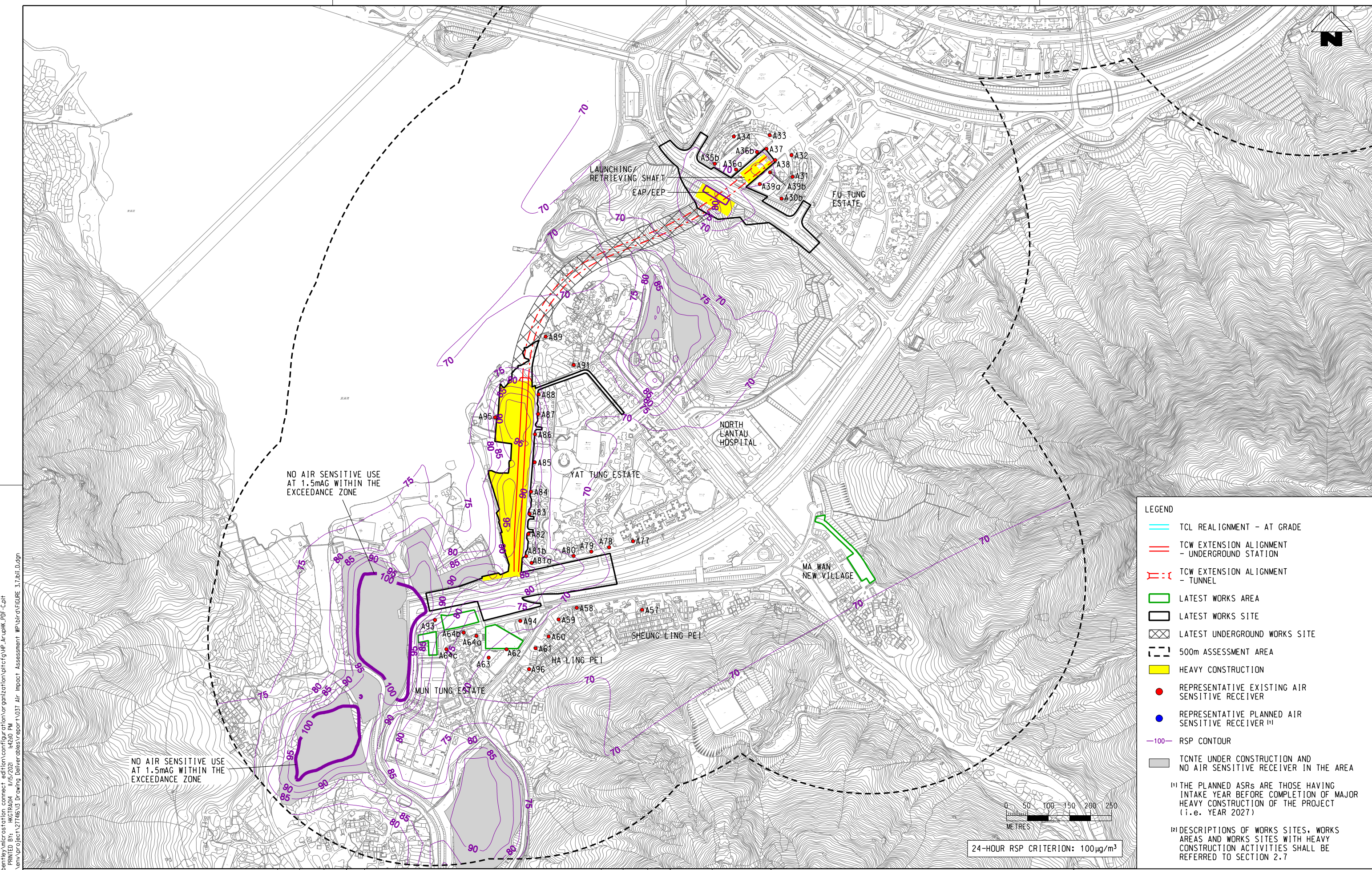
SCALE AS SHOWN

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24-HOUR RSP CRITERION: 100µg/m<sup>3</sup>





**LEGEND**

- TCL REALIGNMENT - AT GRADE
- = TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- RSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2023)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

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NO AIR SENSITIVE USE AT 1.5mAG WITHIN THE EXCEEDANCE ZONE

NO AIR SENSITIVE USE AT 1.5mAG WITHIN THE EXCEEDANCE ZONE

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 ORIGINATOR:  
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 Hong Kong Limited  
 CADD REF.: FIGURE 3.7.1bii.d.dgn

**TITLE**  
 MITIGATED CUMULATIVE 10th HIGHEST 24-HOUR RSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 3 OF 3)  
**SCALE**: AS SHOWN  
**DRAWING NO.**: FIGURE 3.7.1bii  
**REV.**: D



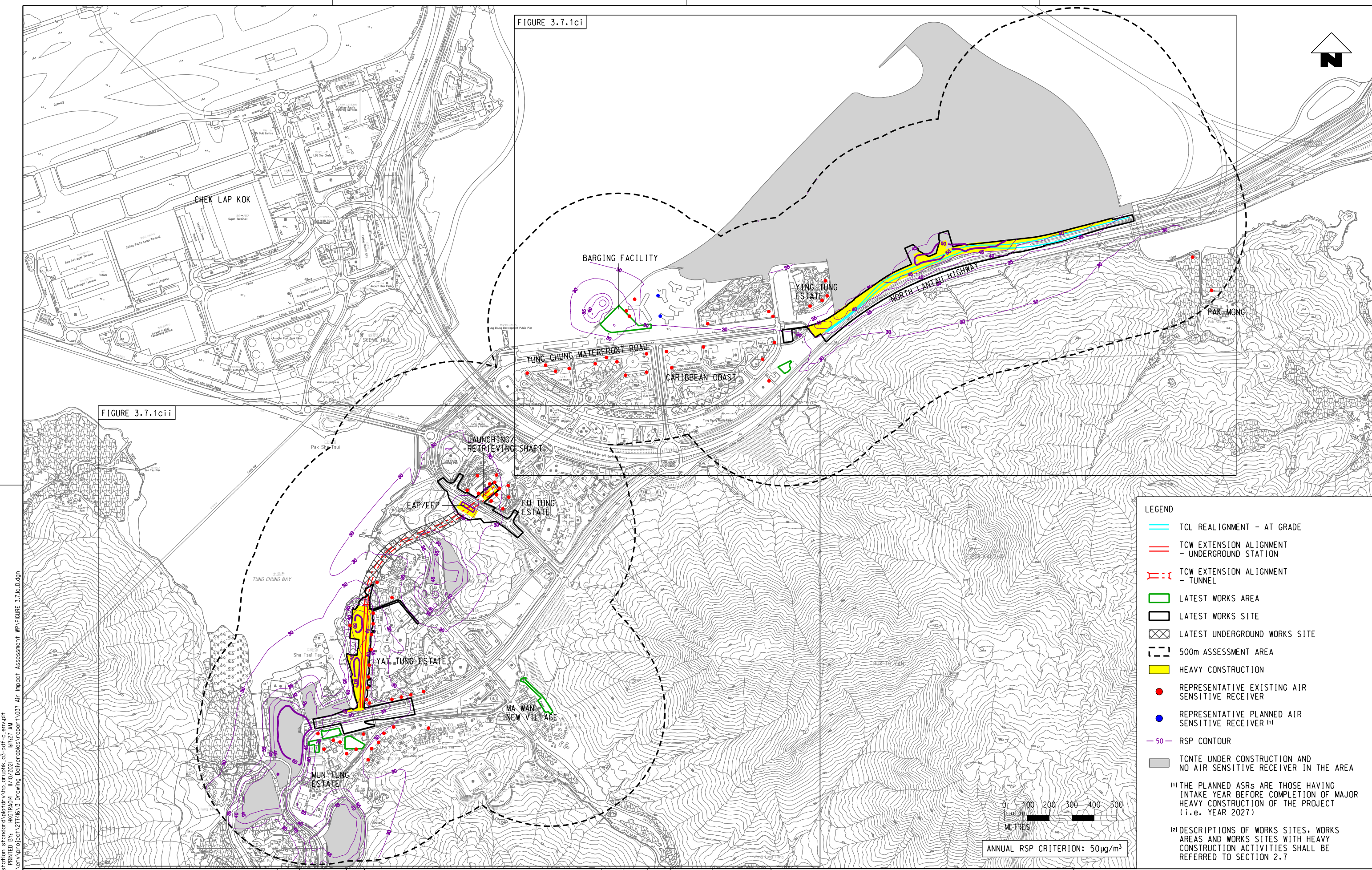


FIGURE 3.7.1ci

FIGURE 3.7.1cii

**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 50 - RSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

ANNUAL RSP CRITERION: 50µg/m<sup>3</sup>

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A	FIRST ISSUE				GL	110621	FC		

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 DATE: 10/11/2021  
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 ORIGINATOR: **ARUP** Ove Arup & Partners Hong Kong Limited  
 CADD REF.: FIGURE 3.7.1c.D.dgn

TITLE: MITIGATED CUMULATIVE ANNUAL RSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 1 OF 3)  
 SCALE: AS SHOWN  
 DRAWING NO.: FIGURE 3.7.1c  
 REV.: D

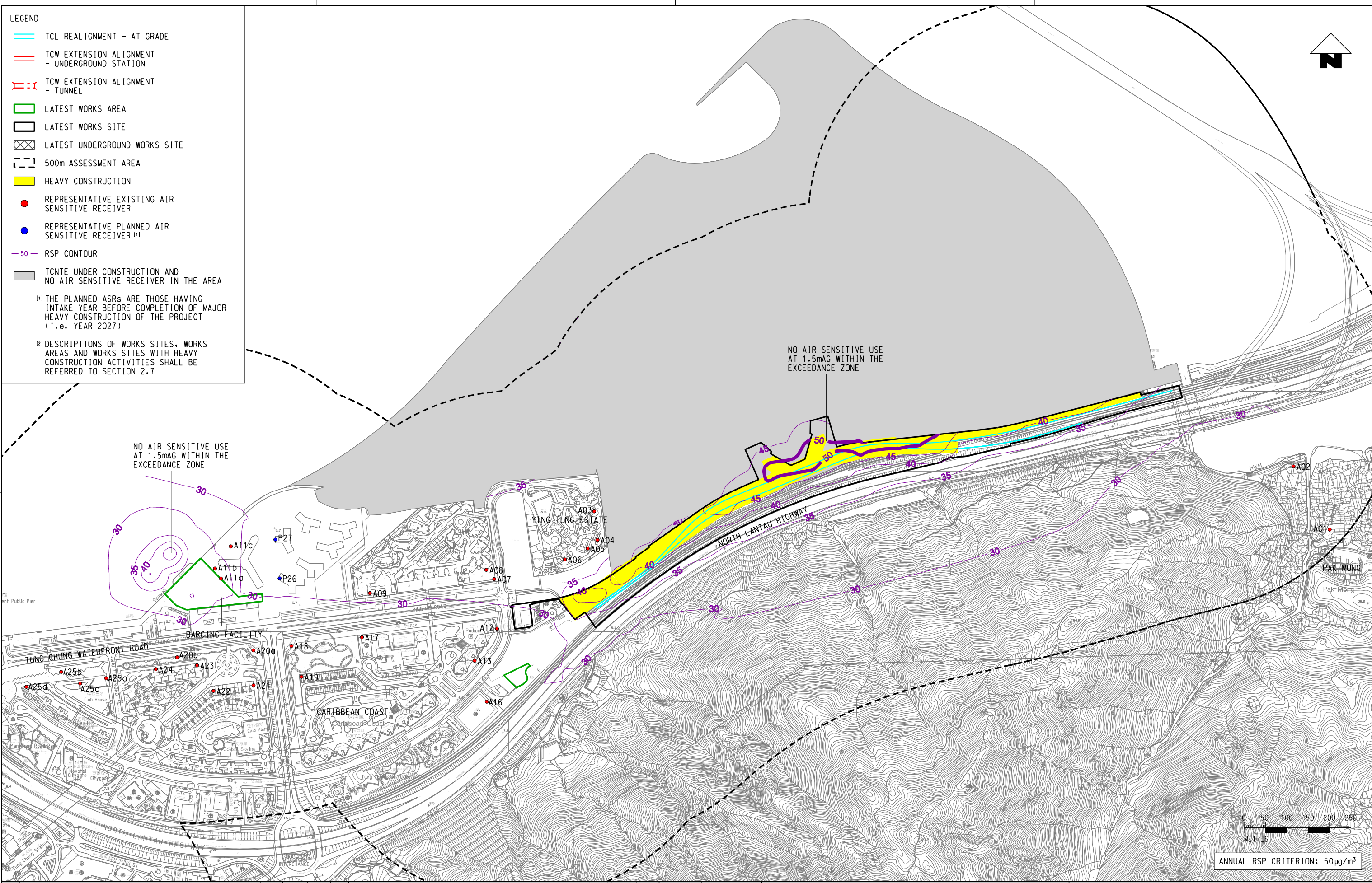


**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER (1)
- 50- RSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

(1) THE PLANNED ASRs ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

(2) DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7



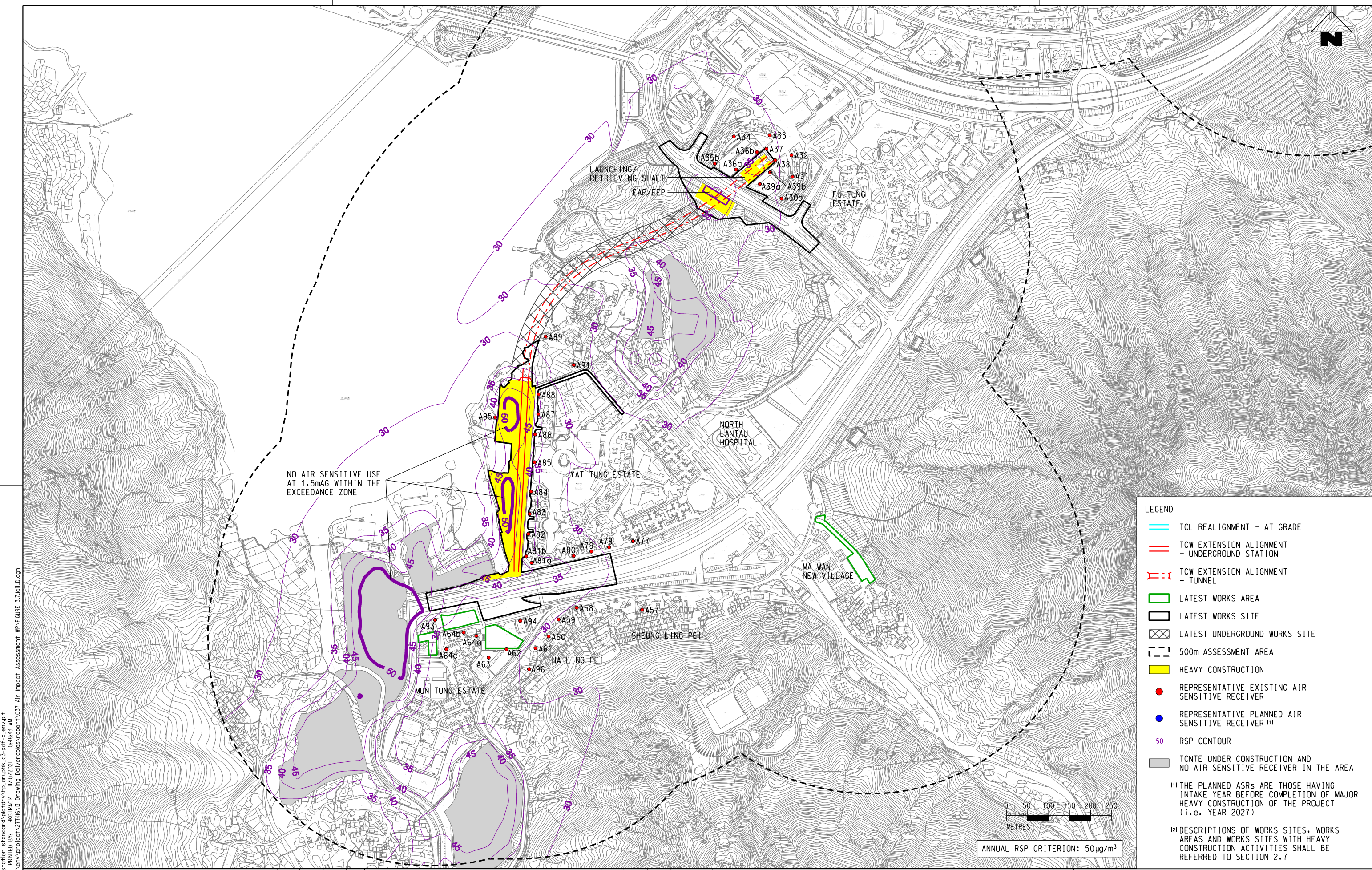
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**MTR**  
 C1202 - EIA for Tung Chung Line Extension  
 ORIGINATOR:  
**ARUP** Ove Arup & Partners  
 Hong Kong Limited  
 CADD REF.: FIGURE 3.7.1ci.dgn

**TITLE**  
 MITIGATED CUMULATIVE ANNUAL  
 RSP CONCENTRATIONS AT 1.5m ABOVE GROUND  
 (YEAR 2023)  
 (SHEET 2 OF 3)  
**SCALE**: AS SHOWN  
**DRAWING NO.**: FIGURE 3.7.1ci  
**REV.**: D





**LEGEND**

- TCL REALIGNMENT - AT GRADE
- = TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 50 RSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

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**MTR**  
 C1202 - EIA for Tung Chung Line Extension  
 ORIGINATOR:  
**ARUP** Ove Arup & Partners  
 Hong Kong Limited  
 CADD REF.:

TITLE: MITIGATED CUMULATIVE ANNUAL RSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 3 OF 3)  
 SCALE: AS SHOWN  
 DRAWING NO.: FIGURE 3.7.1cii  
 REV.: D

FIGURE 3.7.1cii.dgn



FIGURE 3.7.1di

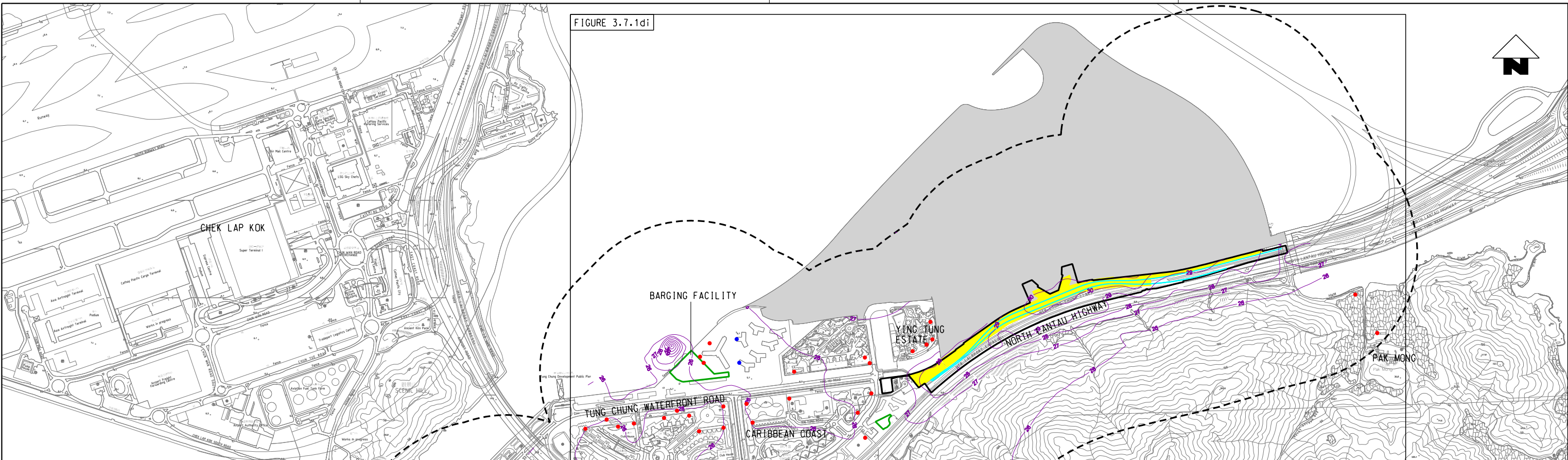
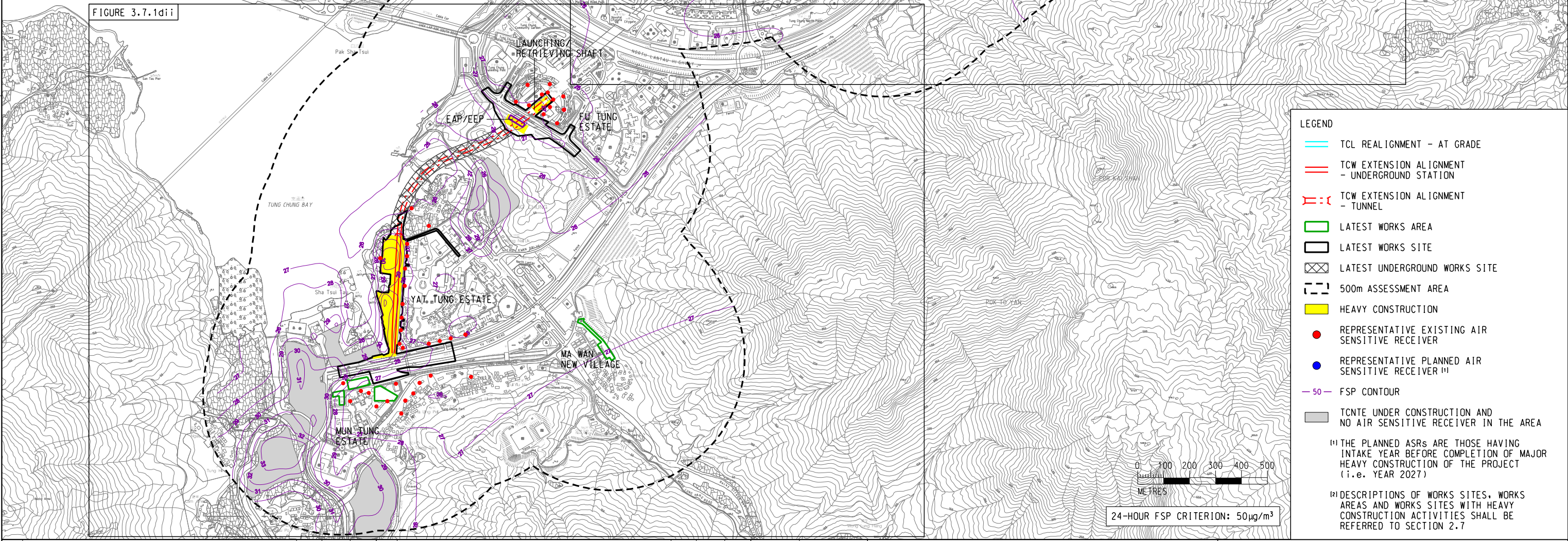


FIGURE 3.7.1dii



**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 50 FSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

0 100 200 300 400 500 METRES

24-HOUR FSP CRITERION: 50µg/m<sup>3</sup>

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C	THIRD ISSUE				GL	121021	FC		
B	SECOND ISSUE				GL	240821	FC		
A	FIRST ISSUE				GL	110621	FC		

DRAWN: GL  
 DESIGNED: GL  
 CHECKED: EL  
 APPROVED: FC  
 DATE: 10/11/2021  
 ORIGINATOR: MTR  
**ARUP** Ove Arup & Partners  
 Hong Kong Limited  
 CADD REF.: FIGURE 3.7.1d.D.dgn

TITLE: MITIGATED CUMULATIVE 36th HIGHEST 24-HOUR FSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 1 OF 3)  
 SCALE: AS SHOWN  
 DRAWING NO.: FIGURE 3.7.1d  
 REV.: D

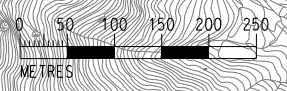
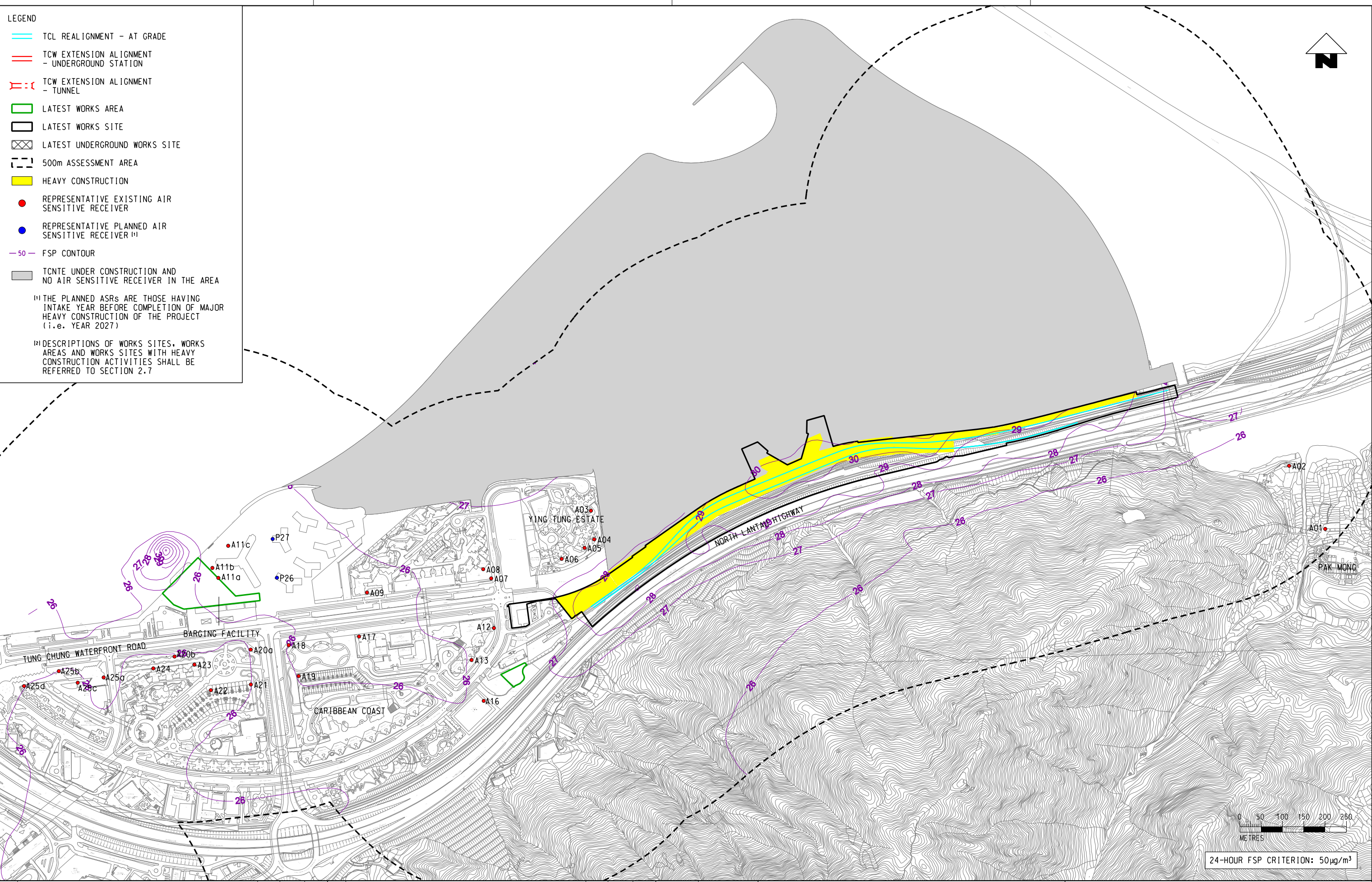


**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 50 FSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRs ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7



24-HOUR FSP CRITERION: 50µg/m<sup>3</sup>

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REV	DESCRIPTION	BY	DATE	APPROVED
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C	THIRD ISSUE	GL	121021	FC
B	SECOND ISSUE	GL	240821	FC
A	FIRST ISSUE	GL	110621	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	10/11/2021

**MTR**

C1202 - EIA for Tung Chung Line Extension

ORIGINATOR

**ARUP** Ove Arup & Partners  
Hong Kong Limited

CADD REF. FIGURE 3.7.1di\_d.dgn

TITLE

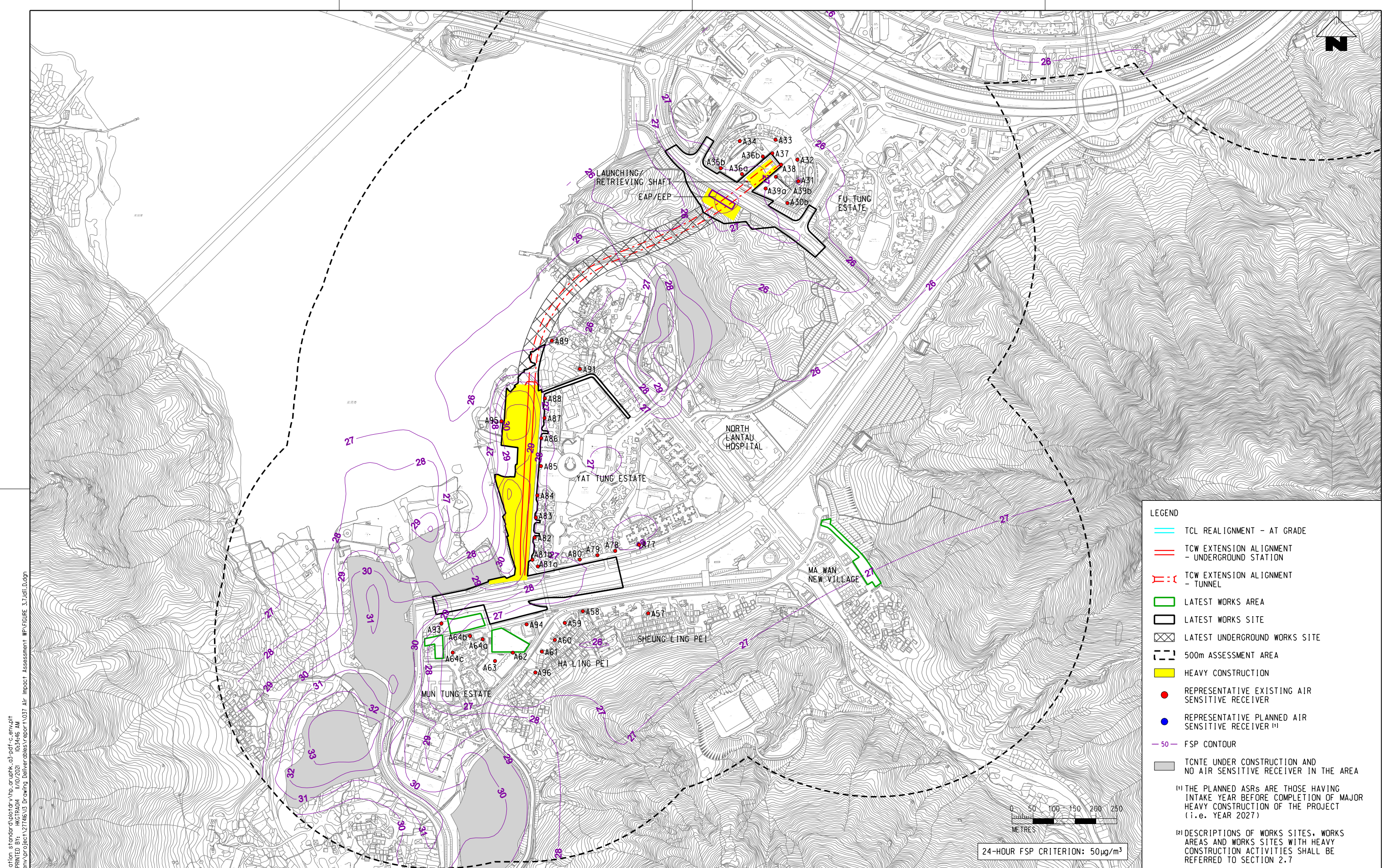
MITIGATED CUMULATIVE 36th HIGHEST 24-HOUR FSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 2 OF 3)

SCALE AS SHOWN

DRAWING NO. FIGURE 3.7.1di

REV. D





**LEGEND**

- TCL REALIGNMENT - AT GRADE
- = TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- FSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2023)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

0 50 100 150 200 250  
METRES

24-HOUR FSP CRITERION: 50µg/m<sup>3</sup>

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C	THIRD ISSUE				GL	121021	FC		
B	SECOND ISSUE				GL	240821	FC		
A	FIRST ISSUE				GL	110621	FC		

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 CHECKED: EL  
 APPROVED: FC

DATE: 10/11/2021  
 ORIGINATOR: MTR

**ARUP** Ove Arup & Partners  
 Hong Kong Limited

CADD REF. FIGURE 3.7.1di.dgn

**TITLE**  
 MITIGATED CUMULATIVE 36th HIGHEST 24-HOUR  
 FSP CONCENTRATIONS AT 1.5m ABOVE GROUND  
 (YEAR 2023)  
 (SHEET 3 OF 3)

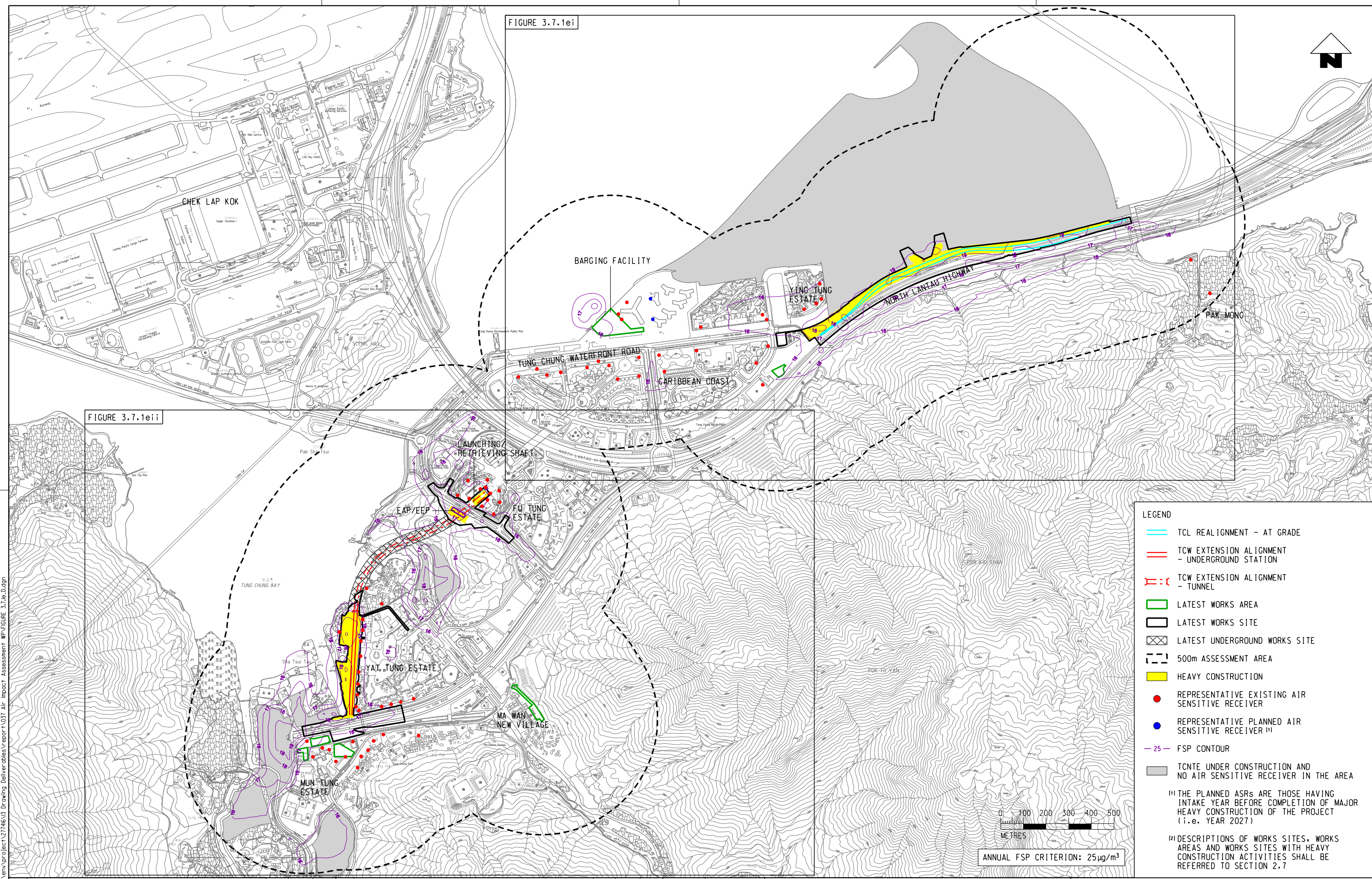
**SCALE**  
 AS SHOWN

**DRAWING NO.**  
 FIGURE 3.7.1di

**REV.**  
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FIGURE 3.7.1ei



**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- FSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7

ANNUAL FSP CRITERION: 25 µg/m<sup>3</sup>

FIGURE 3.7.1eii

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REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
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C	THIRD ISSUE				GL	121021	FC		
B	SECOND ISSUE				GL	240821	FC		
A	FIRST ISSUE				GL	110621	FC		

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DESIGNED	GL	
CHECKED	EL	
APPROVED	FC	
DATE	10/11/2021	ORIGINATOR
Ove Arup & Partners Hong Kong Limited		
CADD REF.	FIGURE 3.7.1e.D.dgn	

TITLE <b>MITIGATED CUMULATIVE ANNUAL FSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 1 OF 3)</b>	
SCALE	AS SHOWN
DRAWING NO.	FIGURE 3.7.1e
REV.	D

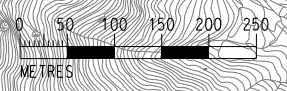
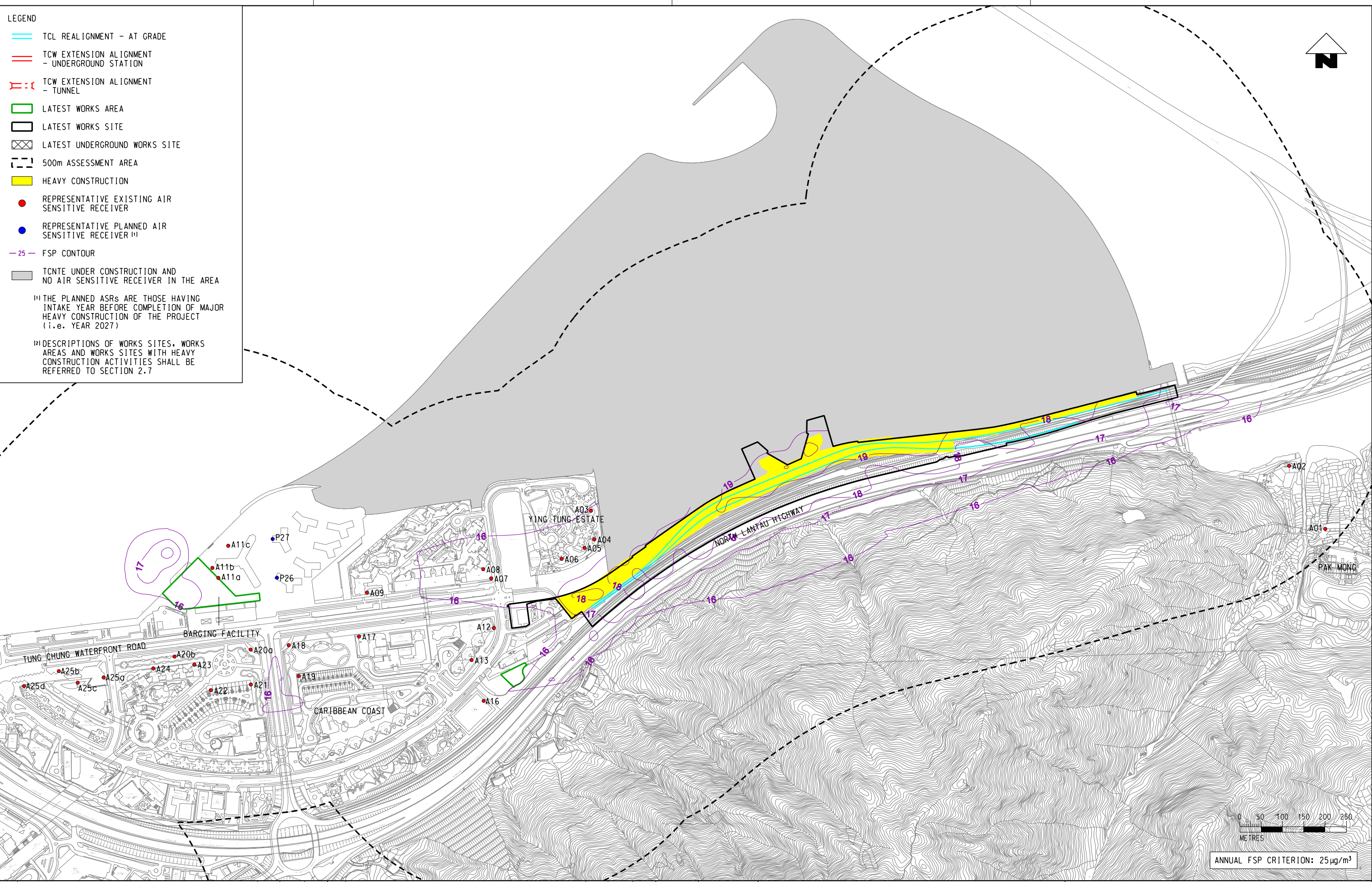


**LEGEND**

- TCL REALIGNMENT - AT GRADE
- TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
- 25 FSP CONTOUR
- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRs ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

<sup>(2)</sup> DESCRIPTIONS OF WORKS SITES, WORKS AREAS AND WORKS SITES WITH HEAVY CONSTRUCTION ACTIVITIES SHALL BE REFERRED TO SECTION 2.7



ANNUAL FSP CRITERION: 25 µg/m<sup>3</sup>

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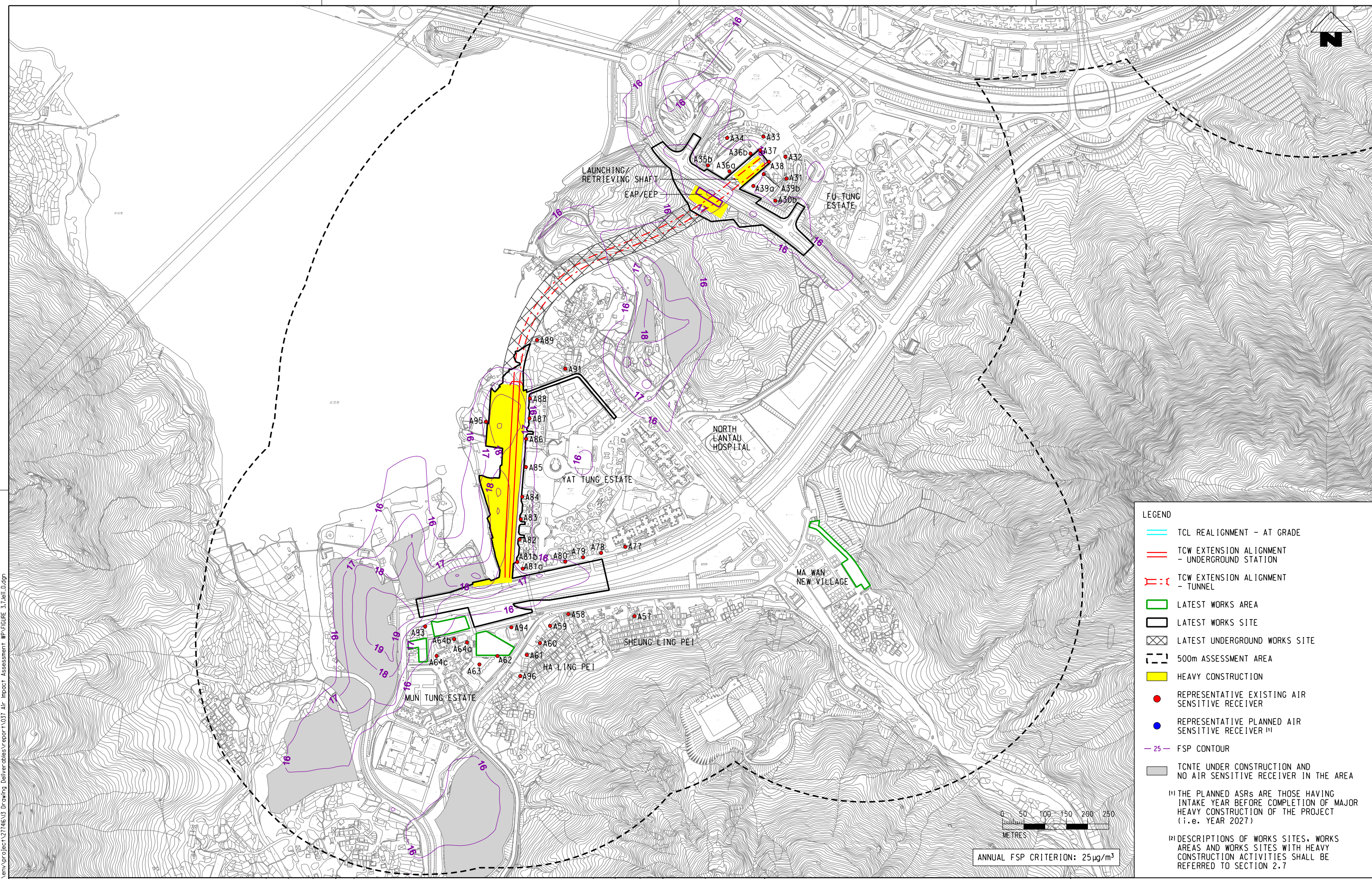
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C	THIRD ISSUE	GL	121021	FC
B	SECOND ISSUE	GL	240821	FC
A	FIRST ISSUE	GL	110621	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	10/11/2021
ORIGINATOR	MTR
C1202 - EIA for Tung Chung Line Extension	
ARUP Ove Arup & Partners Hong Kong Limited	
CADD REF.	FIGURE 3.7.1e1.dgn

TITLE		MITIGATED CUMULATIVE ANNUAL FSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 2 OF 3)	
SCALE	DRAWING NO.	REV.	
AS SHOWN	FIGURE 3.7.1e1	D	



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**LEGEND**

- TCL REALIGNMENT - AT GRADE
- = TCW EXTENSION ALIGNMENT - UNDERGROUND STATION
- - - TCW EXTENSION ALIGNMENT - TUNNEL
- LATEST WORKS AREA
- LATEST WORKS SITE
- LATEST UNDERGROUND WORKS SITE
- 500m ASSESSMENT AREA
- HEAVY CONSTRUCTION
- REPRESENTATIVE EXISTING AIR SENSITIVE RECEIVER
- REPRESENTATIVE PLANNED AIR SENSITIVE RECEIVER <sup>(1)</sup>
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- TCNTE UNDER CONSTRUCTION AND NO AIR SENSITIVE RECEIVER IN THE AREA

<sup>(1)</sup> THE PLANNED ASRS ARE THOSE HAVING INTAKE YEAR BEFORE COMPLETION OF MAJOR HEAVY CONSTRUCTION OF THE PROJECT (i.e. YEAR 2027)

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ANNUAL FSP CRITERION: 25 µg/m<sup>3</sup>

REV	DESCRIPTION	BY	DATE	APPROVED	REV	DESCRIPTION	BY	DATE	APPROVED
D	FOURTH ISSUE				GL	101121	FC		
C	THIRD ISSUE				GL	121021	FC		
B	SECOND ISSUE				GL	240821	FC		
A	FIRST ISSUE				GL	110621	FC		

DRAWN: GL  
 DESIGNED: GL  
 CHECKED: EL  
 APPROVED: FC

DATE: 10/11/2021

ORIGINATOR: **MTR**

**ARUP** Ove Arup & Partners  
 Hong Kong Limited

CADD REF.: FIGURE 3.7.1ei.dgn

TITLE: MITIGATED CUMULATIVE ANNUAL FSP CONCENTRATIONS AT 1.5m ABOVE GROUND (YEAR 2023) (SHEET 3 OF 3)

SCALE: AS SHOWN

DRAWING NO.: FIGURE 3.7.1ei

REV: D