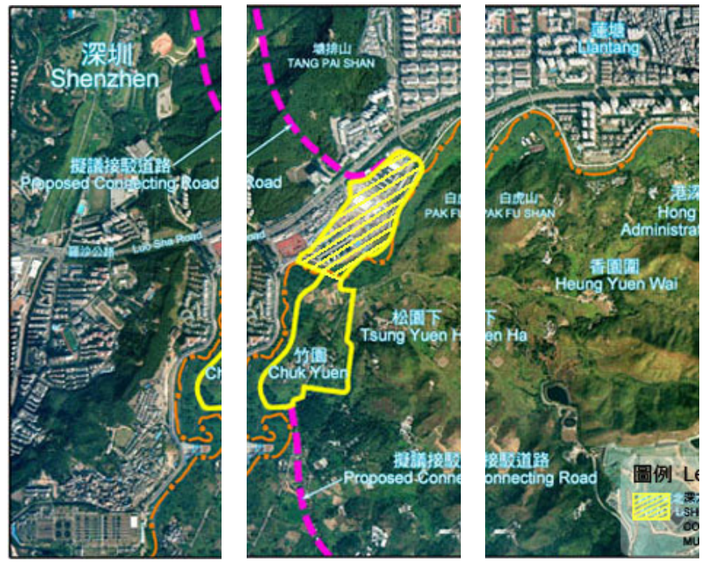

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Environmental Impact Assessment Report
Volume 2 - Figures

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Civil Engineering and Development Department

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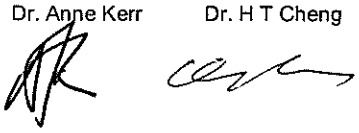

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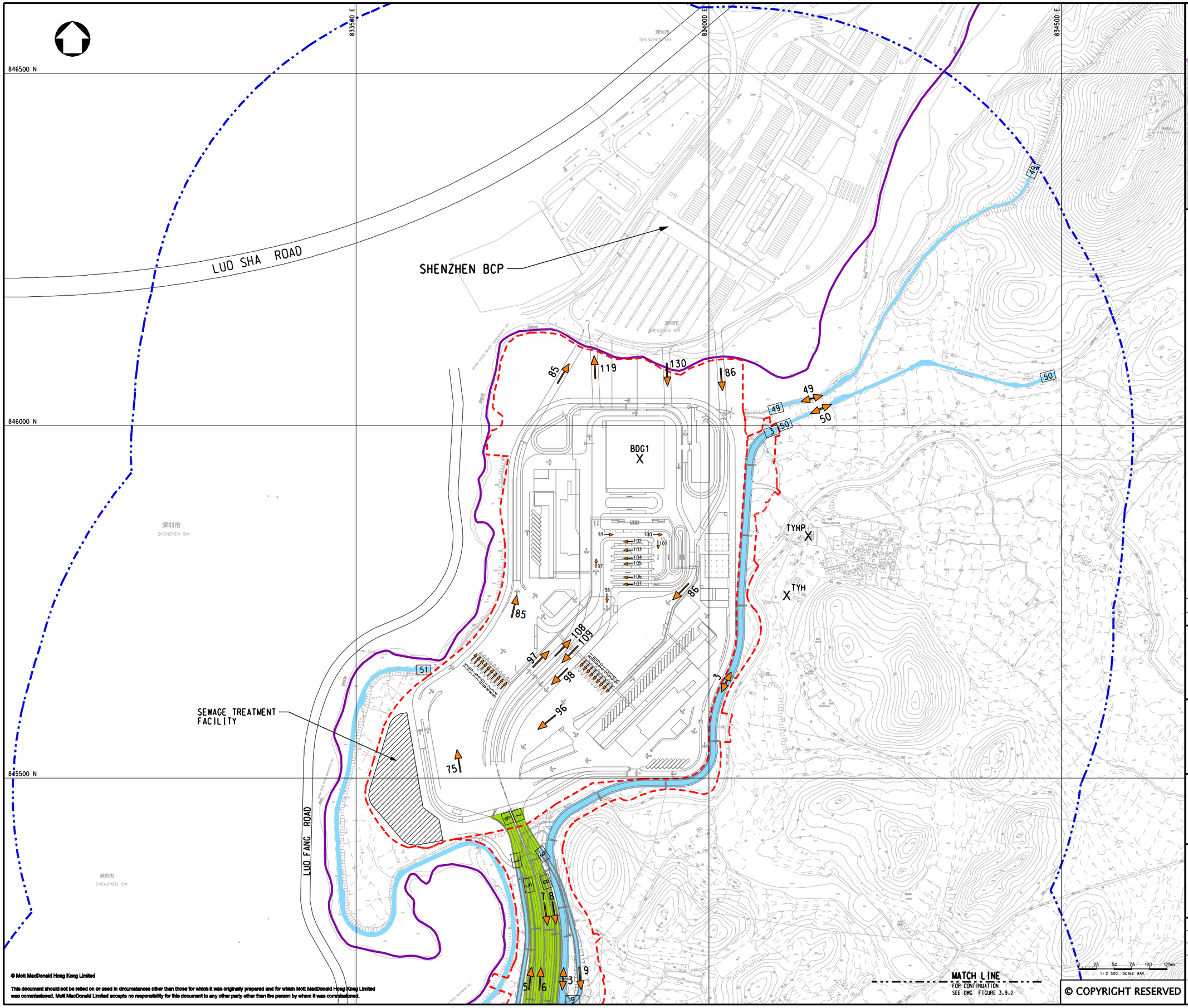

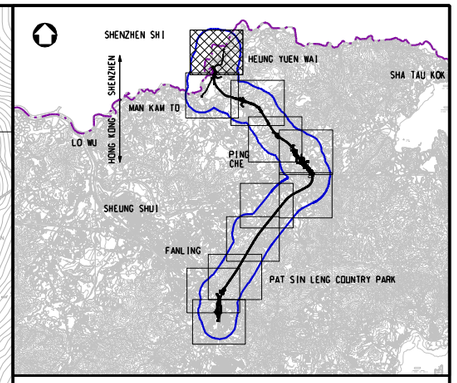

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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(SHEET 1 OF 12)

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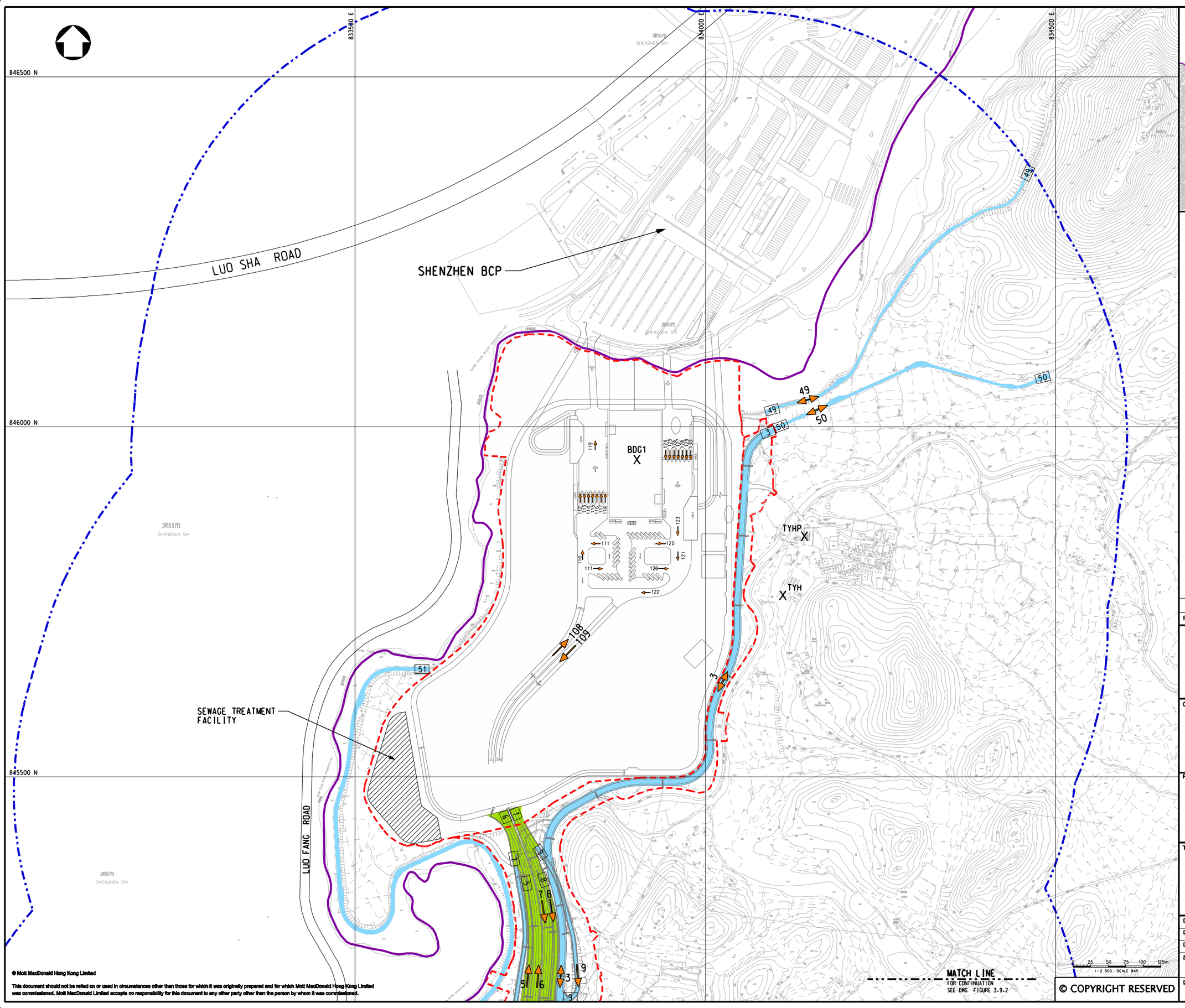

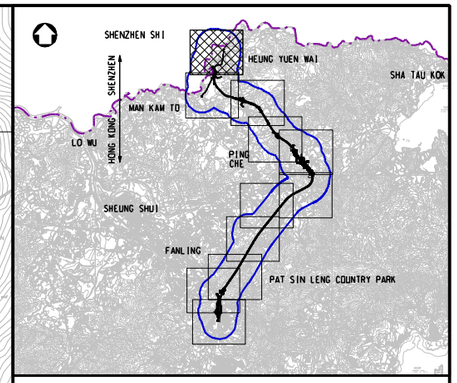

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- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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CEDD
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CLASSIFICATION OF ROAD TYPES
(BCP UPPER DECK LEVEL)
(SHEET 2 OF 12)

Designed	IC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	IC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\0105\FIG 3-9.b.dgn
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833000 E
833500 E
834000 E
834500 E
845000 N
844500 N
844000 N
LUO FANG ROAD
深圳市
SHENZHEN SHI
FOR CONTINUATION
SEE DWG FIGURE 3.9.1a & 3.9.1b
MATCH LINE
51
52
V1
V2
CY3
KL1
TKL1
TKL2
KTW1
KTW2
KTW4
KTW5
KTW6
KTW7
NYH1
FWW1
TF1
1
2
3
4
5
6
7
8
8a
8b
9
10
11
12
13
MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.9.3
0 25 50 75 100 125m
1:2 500 SCALE BAR

SHENZHEN SHI
SHENZHEN
HONG KONG
HEUNG YUEN WAI
SHA TAU KOK
MAN KAM TO
LO WU
PING CHE
SHEUNG SHUI
FANLING
PAT SIN LENG COUNTRY PARK

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TRUNK ROAD (80 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CLASSIFICATION OF ROAD TYPES

(SHEET 3 OF 12)

Designed	IC		Eng.Chk.	EC	
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Dwg.Chk.	IC		Approved	HT	

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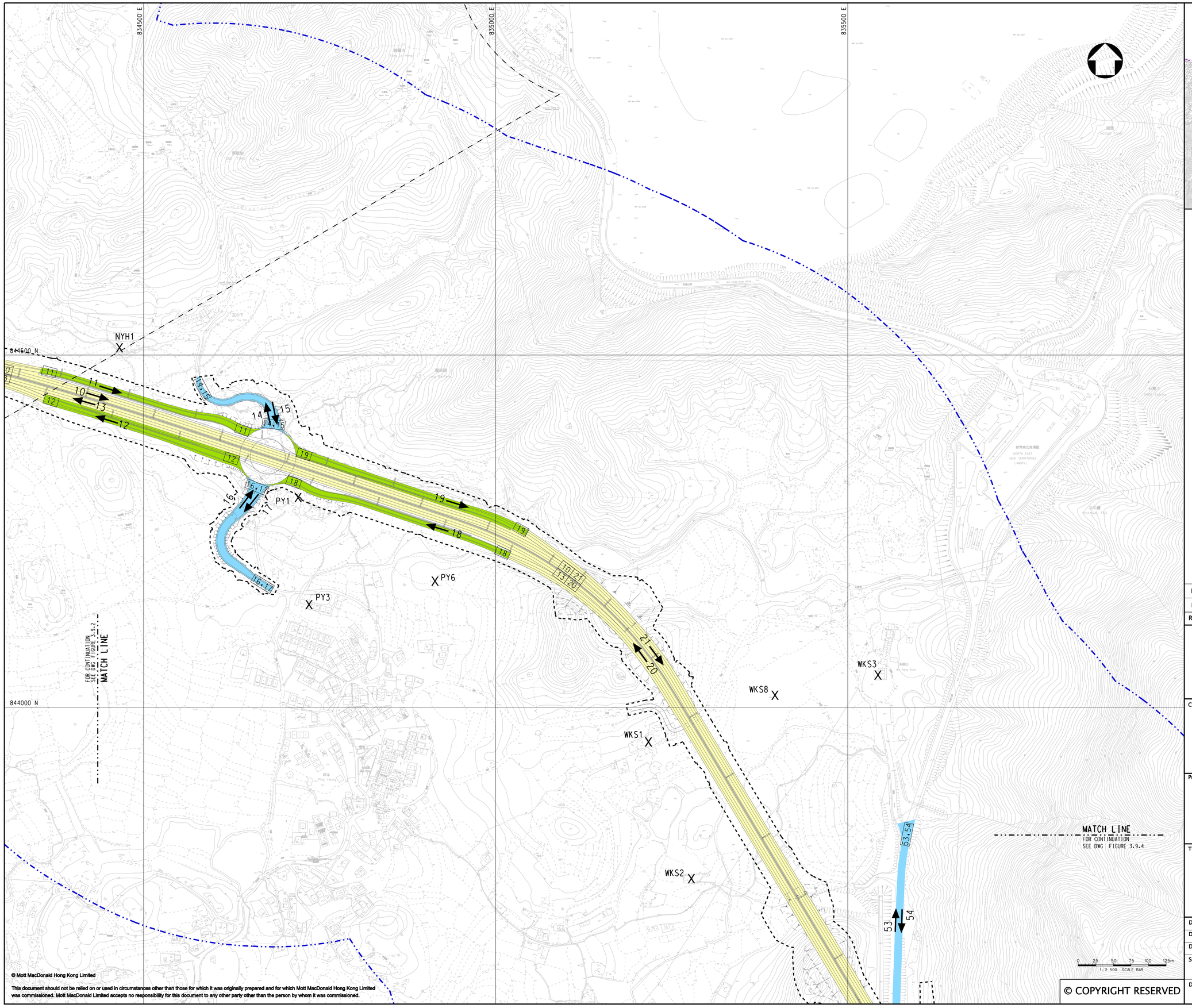

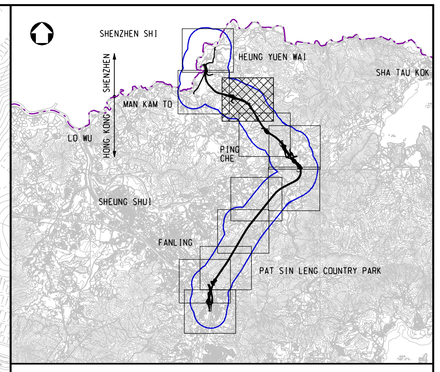

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TRUNK ROAD (80 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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Title

CLASSIFICATION OF ROAD TYPES

(SHEET 4 OF 12)

Designed	IC		Eng.Chk.	EC	
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Dwg.Chk.	IC		Approved	HT	
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		CAD file	$FILE$		
Drawing No	FIGURE 3.9.3			Rev	P2

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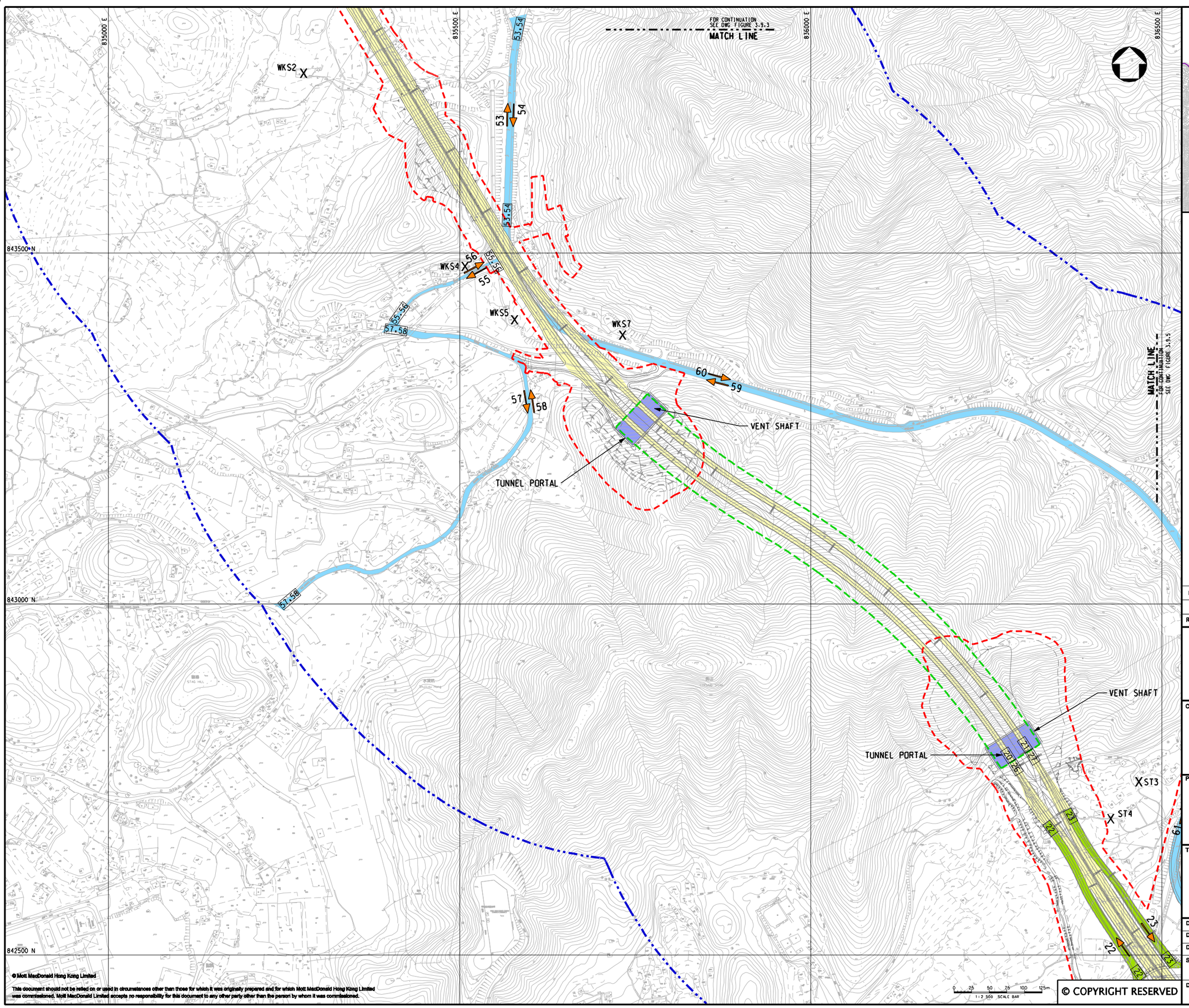

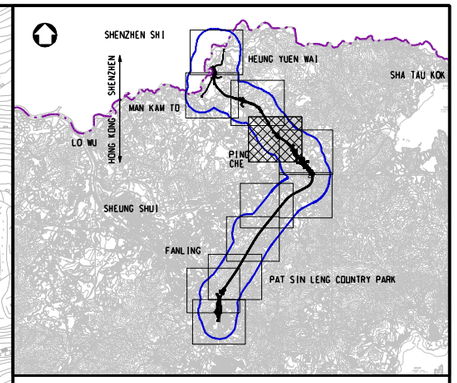

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- TRUNK ROAD (80 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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Title

CLASSIFICATION OF ROAD TYPES

(SHEET 5 OF 12)

Designed	IC		Eng.Chk.	EC	
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Dwg.Chk.	IC		Approved	HT	

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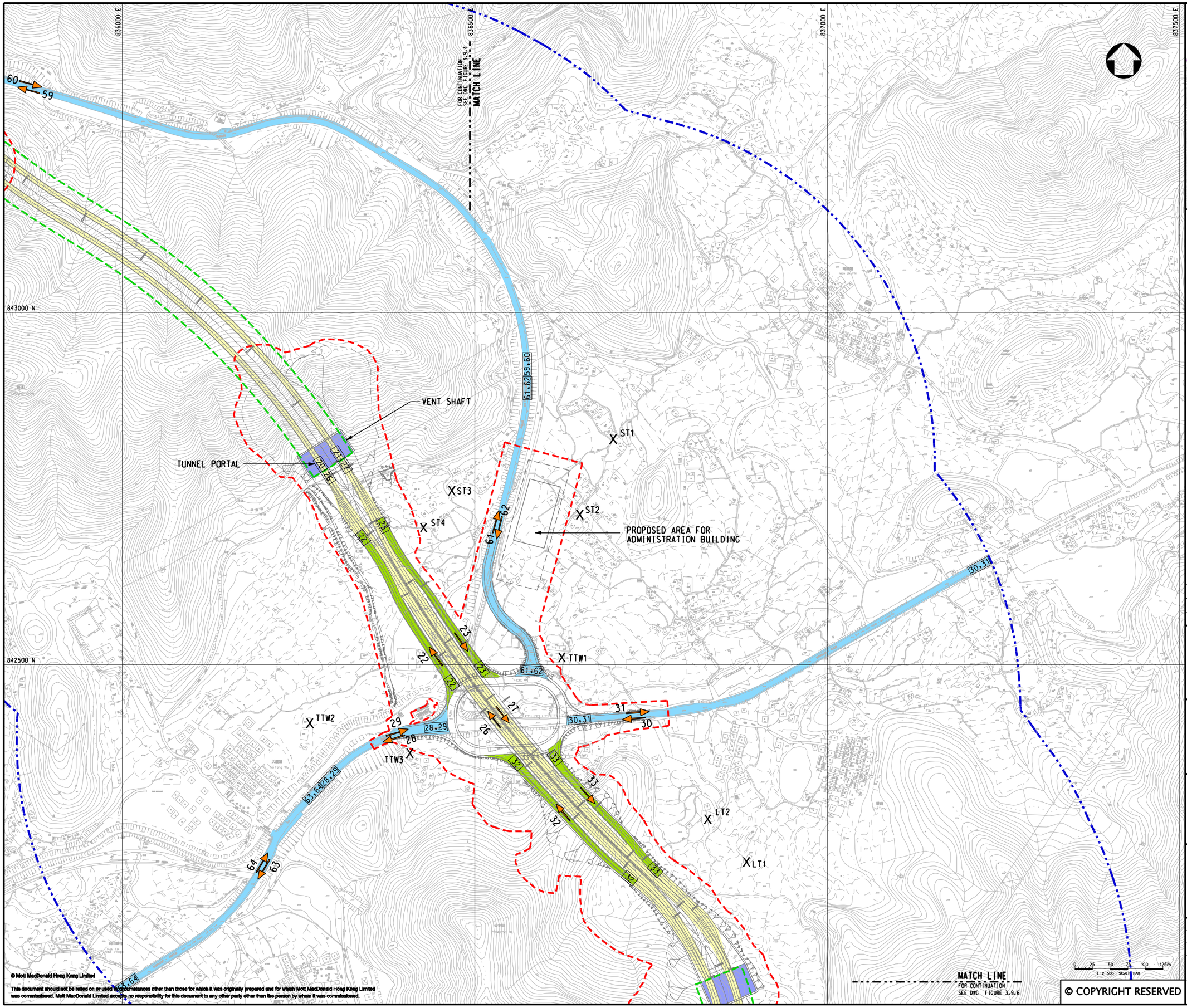

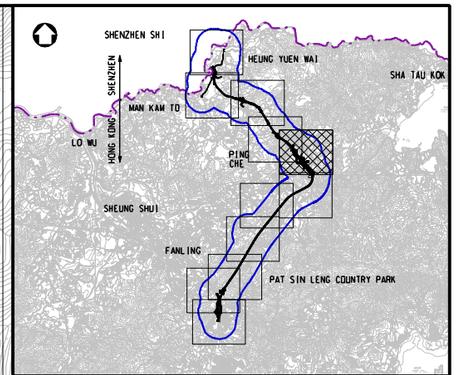

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- TRUNK ROAD (80 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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Title

CLASSIFICATION OF ROAD TYPES

(SHEET 6 OF 12)

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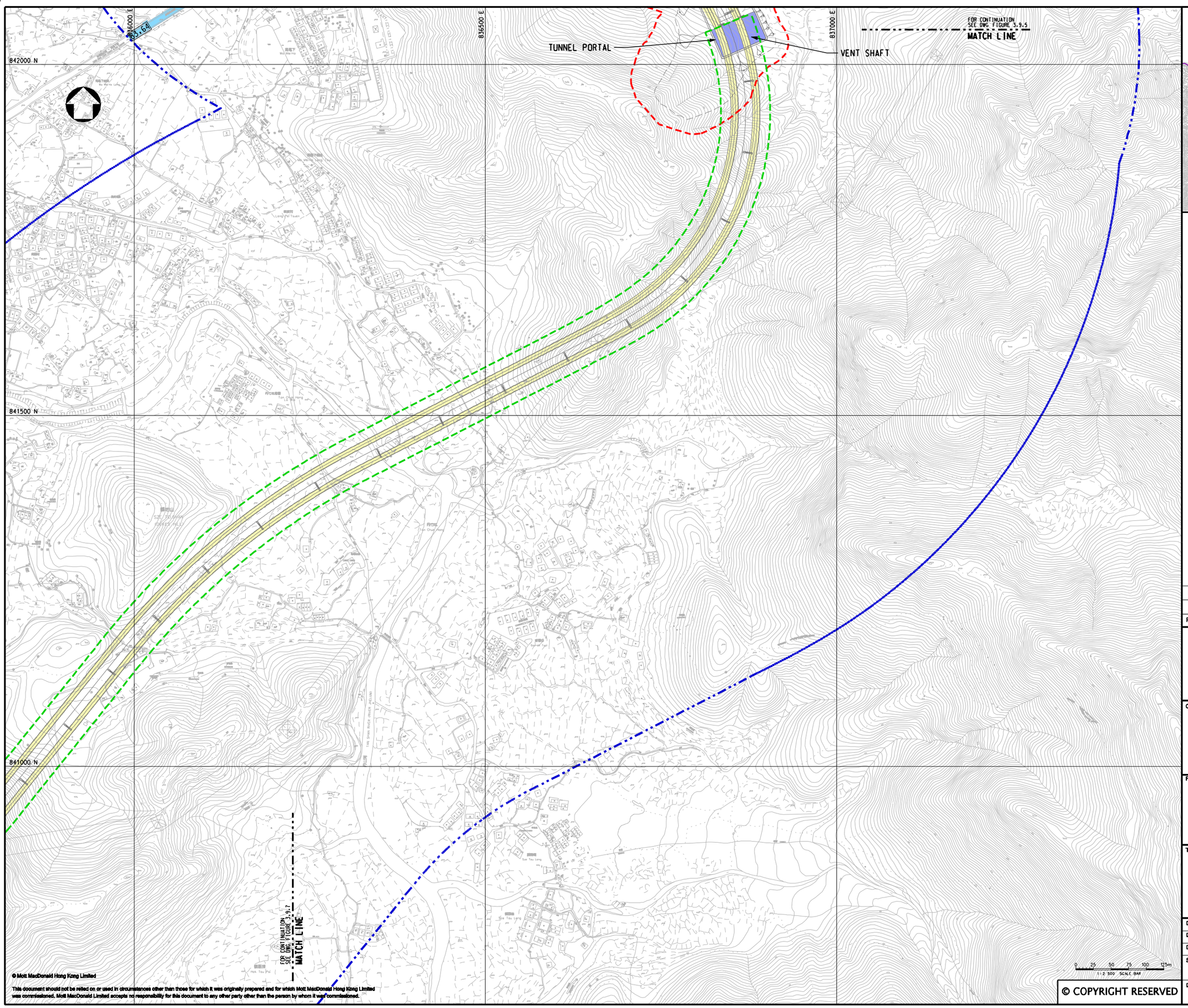

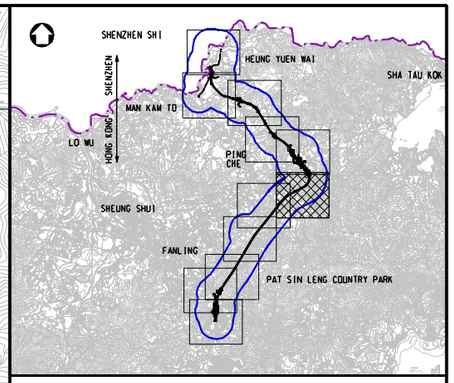

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- TRUNK ROAD (80 kph)
- PROPOSED TUNNEL VENTILATION BUILDING
- 50 INDICATIVE ROAD LINK DEMARCATION

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Title

CLASSIFICATION OF ROAD TYPES

(SHEET 7 OF 12)

Designed	IC		Eng.Chk.	EC	
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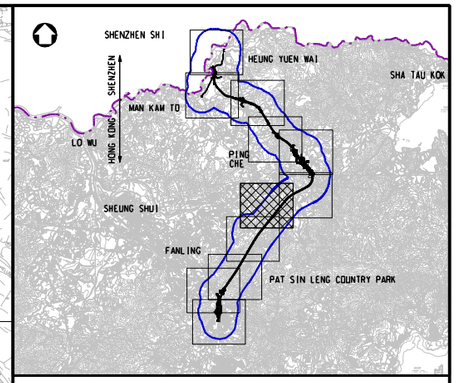
835000 E
835500 E
836000 E
841500 N
841000 N
840500 N

MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.9.8

MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.9.6

0 25 50 75 100 125m
1:2 500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TUNNEL SECTION
- TRUNK ROAD (80 kph)

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Title

CLASSIFICATION OF ROAD TYPES

(SHEET 8 OF 12)

Designed	IC		Eng.Chk.	EC	
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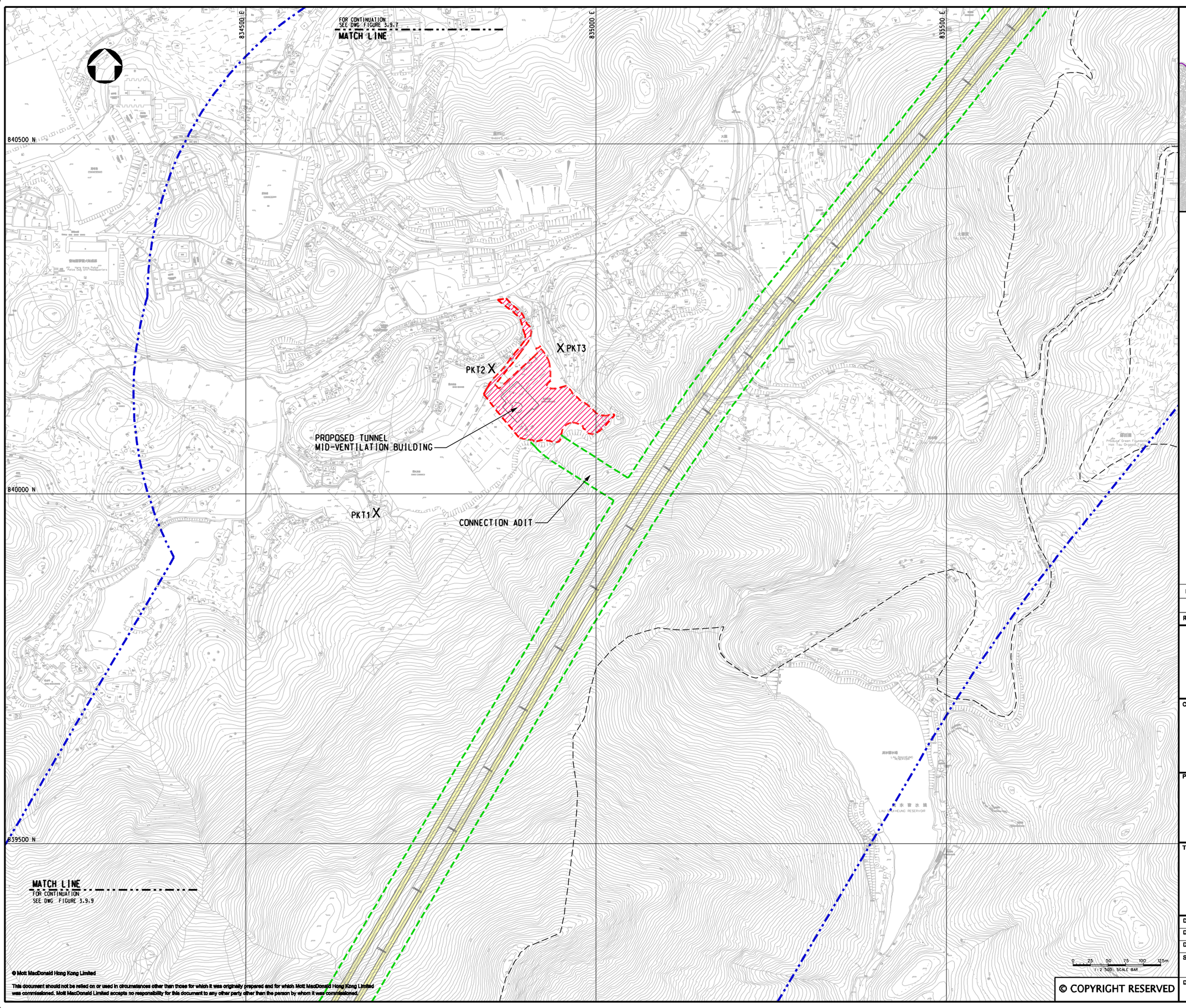

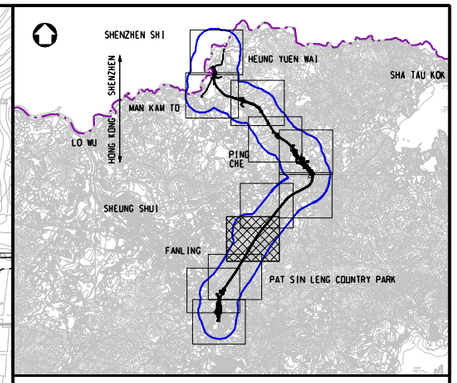

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- TRUNK ROAD (80 kph)
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY
CONTROL POINT AND ASSOCIATED WORKS

Title

CLASSIFICATION OF ROAD TYPES

(SHEET 9 OF 12)

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		CAD file j:\255228\report\env\eia\DI05\FIG 3-9.8.dgn			
Drawing No FIGURE 3.9.8					Rev P2

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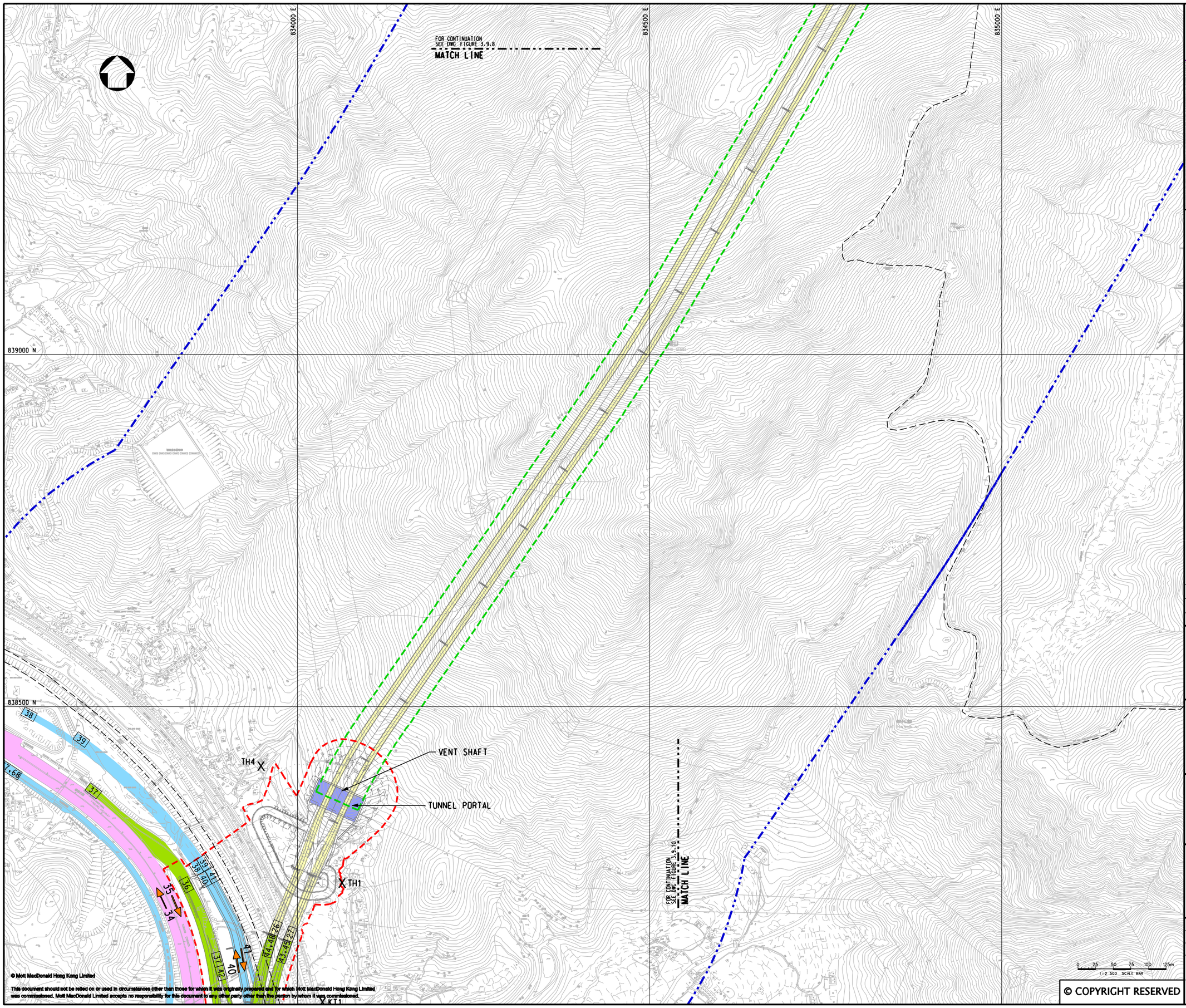

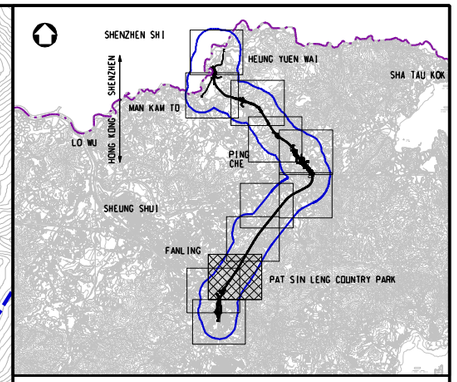

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- EXPRESSWAY (DESIGN SPEED LIMIT: 100 kph)
- TRUNK ROAD (80 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CLASSIFICATION OF ROAD TYPES

(SHEET 10 OF 12)

Designed	IC	Eng.Chk.	EC
Drawn	MING	Coordination	EC
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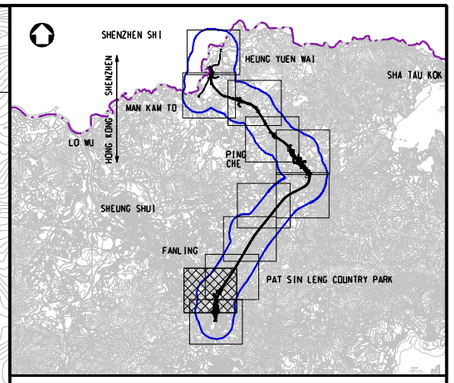

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- EXPRESSWAY (DESIGN SPEED LIMIT: 100 kph)
- TRUNK ROAD (80 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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Title

CLASSIFICATION OF ROAD TYPES

(SHEET 11 OF 12)

Designed	IC		Eng.Chk.	EC	
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Drawing No FIGURE 3.9.10					Rev P2

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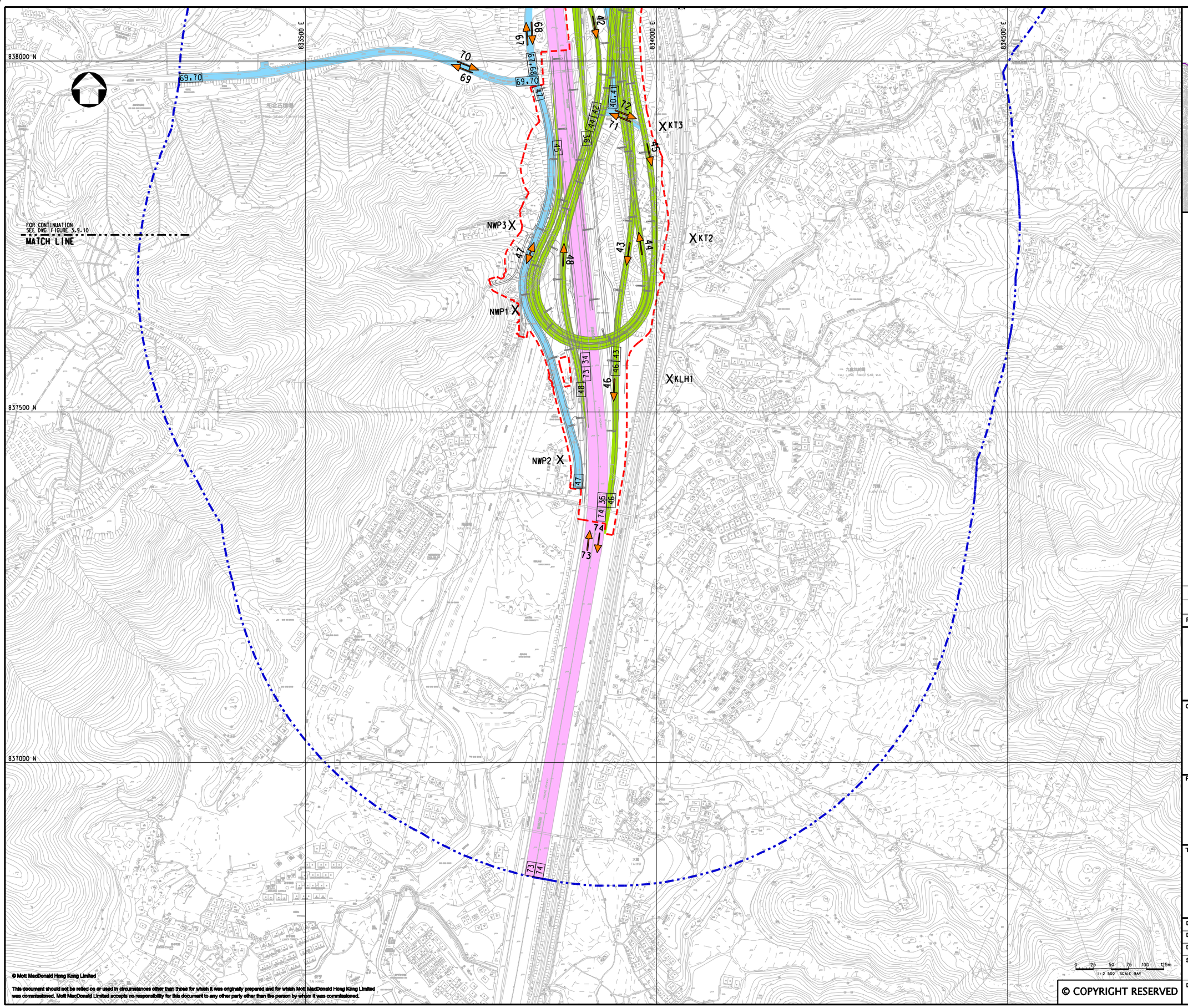
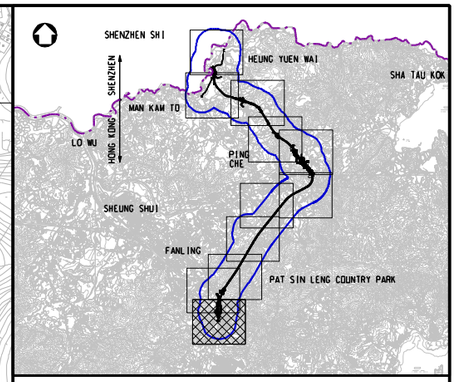
833000 E
833500 E
834000 E
834500 E
839000 N
838500 N
838000 N
TH4
TH1
KT1
KT3
KT2
NWP3
VENT SHAFT
TUNNEL PORTAL
MATCH LINE FOR CONTINUATION SEE DWG FIGURE 3.9.11
MATCH LINE FOR CONTINUATION SEE DWG FIGURE 3.9.9
0 25 50 75 100 125m 1:2 500 SCALE BAR





KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- EXPRESSWAY (DESIGN SPEED LIMIT: 100 kph)
- TRUNK ROAD (50 kph) (NO COLD START)
- LOCAL AND RURAL ROAD (50 kph) (COLD START)
- X AIR SENSITIVE RECEIVERS
- TRAFFIC FLOW DIRECTION
- 50 INDICATIVE ROAD LINK DEMARCATION

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CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CLASSIFICATION OF ROAD TYPES

(SHEET 12 OF 12)

Designed	IC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	IC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\0105\FIG 3-9.1.dgn
Status: PRE
Drawing No: FIGURE 3.9.11
Rev: P2

0 25 50 75 100 125m
1:2 500 SCALE BAR

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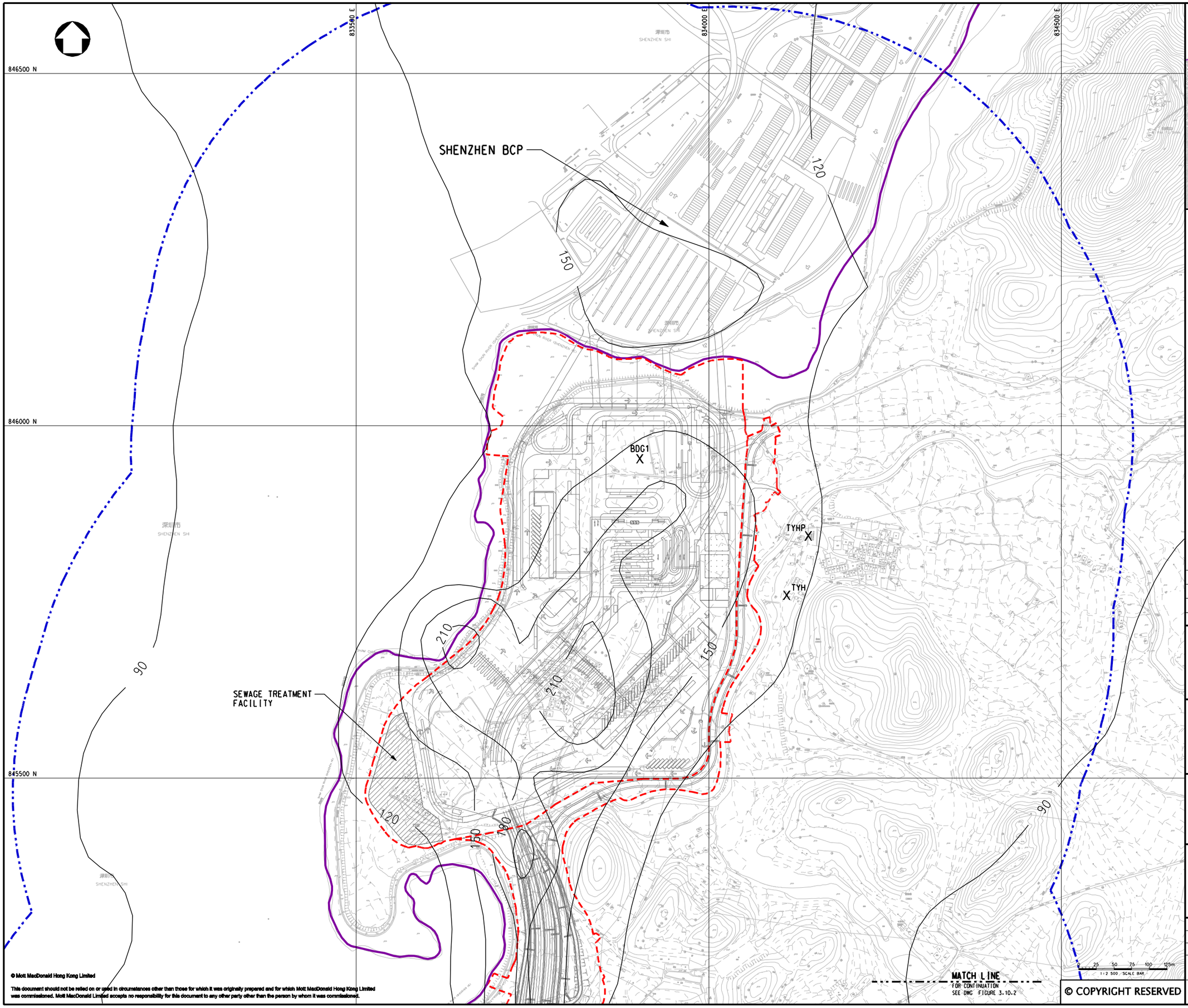

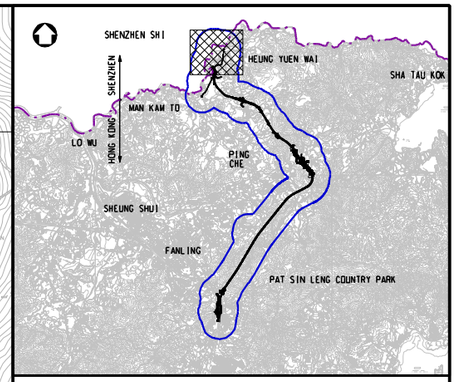

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
P3	NOV 10	MMH	GENERAL REVISION	DC	HT
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P1	AUG 10	MMH	FIRST ISSUE	HC	HT

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Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 1 OF 4)

Designed	HC	Eng.Chk.	EC
Drawn	MING	Coordination	EC
Dwg.Chk.	HC	Approved	HT

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\10115\FIG 3-10.1.dgn
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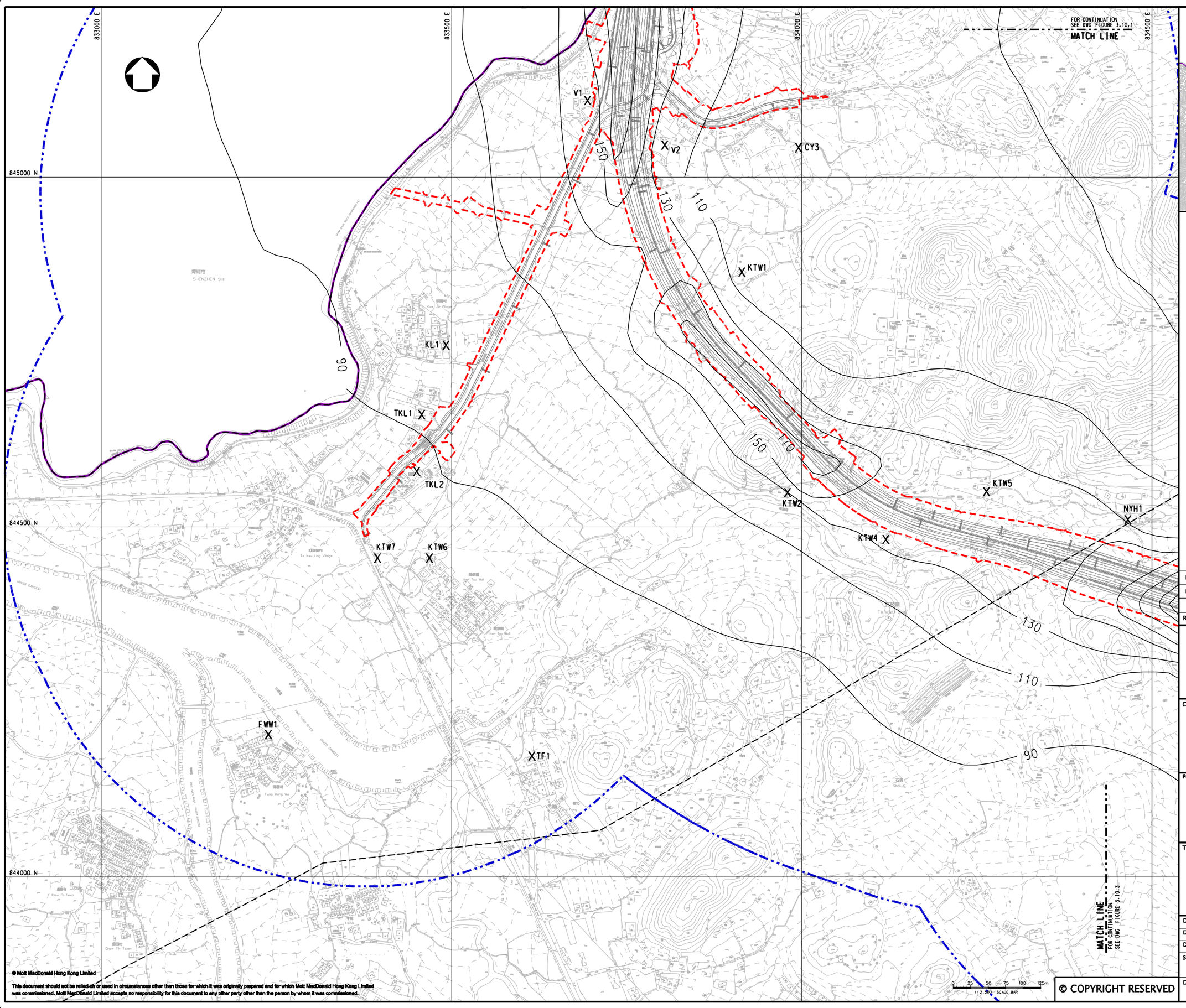

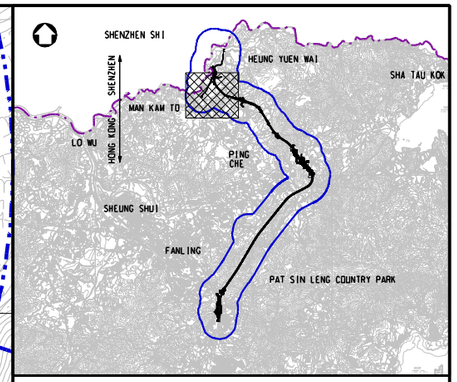

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\0IR5\FIG 3-10.2.dgn
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834500 E

835000 E

835500 E

844600 N

844000 N

NYH1

PY1

PY3

PY6

WKS1

WKS2

WKS3

WKS8

90

120

150

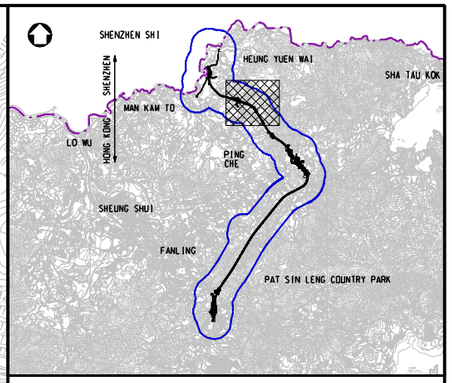
180

210

240

MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.10.2

MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.10.4



KEY PLAN

SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1 1:2500

Project 255228

CAD file j:\255228\report\env\eia\DWS\FIG 3-10.3.dgn

Status PRE

Drawing No FIGURE 3.10.3

Rev P3

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1/2 500 SCALE BAR

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FOR CONTINUATION
SEE DWG FIGURE 3.10.3
MATCH LINE

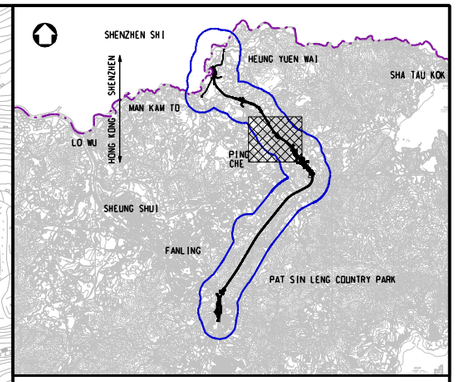
835000 E
835500 E
836000 E
836500 E
843500 N
843000 N
842500 N

WKS2
WKS4
WKS5
WKS7
ST3
ST4

VENT SHAFT
TUNNEL PORTAL
VENT SHAFT
TUNNEL PORTAL

80
100
120
140
160

0 25 50 75 100 125m
1:2 500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)
(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\DIR5\FIG 3-10.4.dgn
Status: PRE
Drawing No: FIGURE 3.10.4
Rev: P3

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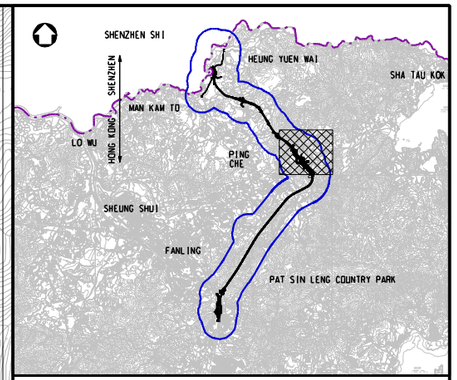
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N
80
100
120
140
VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
TTW1
TTW2
TTW3
LT1
LT2
PROPOSED AREA FOR ADMINISTRATION BUILDING
MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.10.6
0 25 50 75 100 125m
1:2500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS D)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: j:\255228\report\env\eia\0IR5\FIG 3-10.5.dgn
Drawing No: FIGURE 3.10.5
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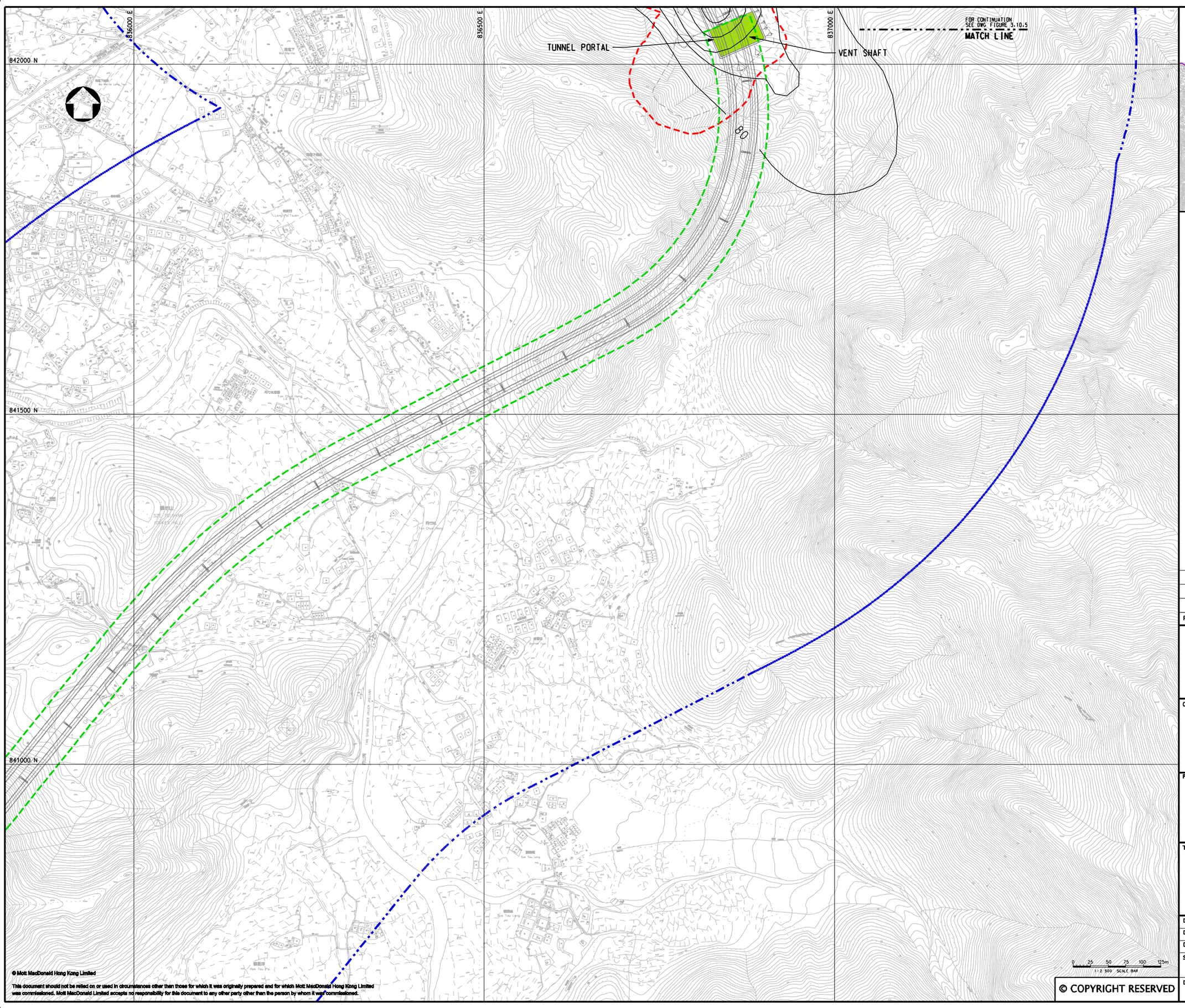

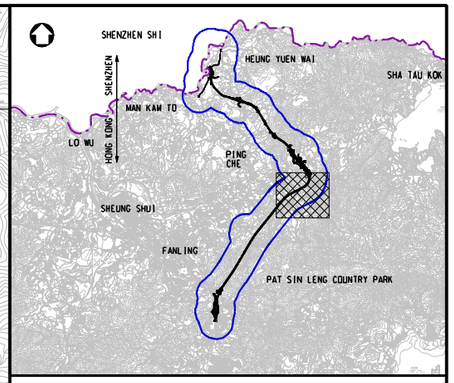

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS D)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\DIS\FIG 3-10.6.dgn		
Drawing No	FIGURE 3.10.6				Rev P3

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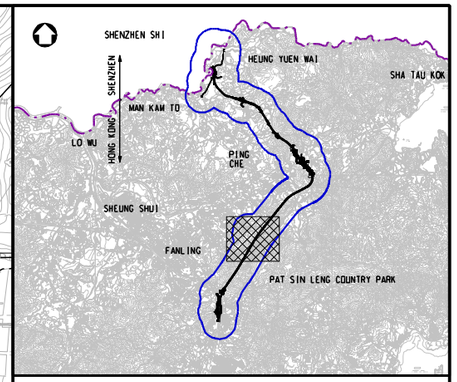
834500 E
835000 E
835500 E
840500 N
840000 N
839500 N
PKT3
PKT2
PKT1
PROPOSED TUNNEL MID-VENTILATION BUILDING
CONNECTION ADIT
65
66
67
69
71
73
75



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI (STABILITY CLASS D)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: j:\255228\report\env\eio\DIR5\FIG 3-10.7.dgn
Drawing No: FIGURE 3.10.7
Rev: P3

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1:2 500 SCALE BAR

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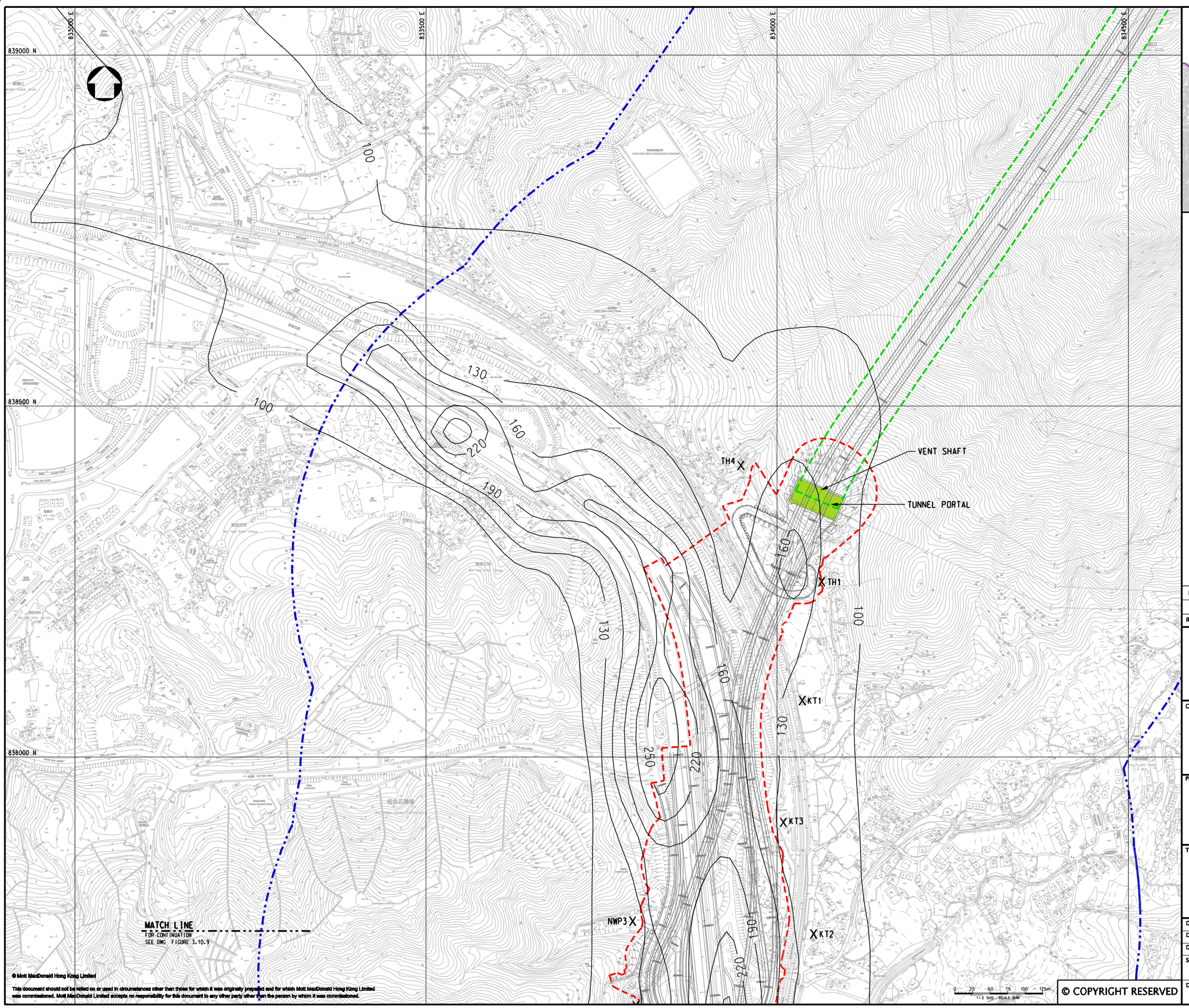

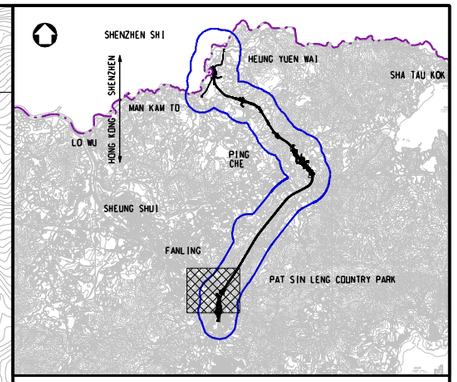

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS D)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\0IR5\FIG 3-10.8.dgn
Status: PRE
Drawing No: FIGURE 3.10.8
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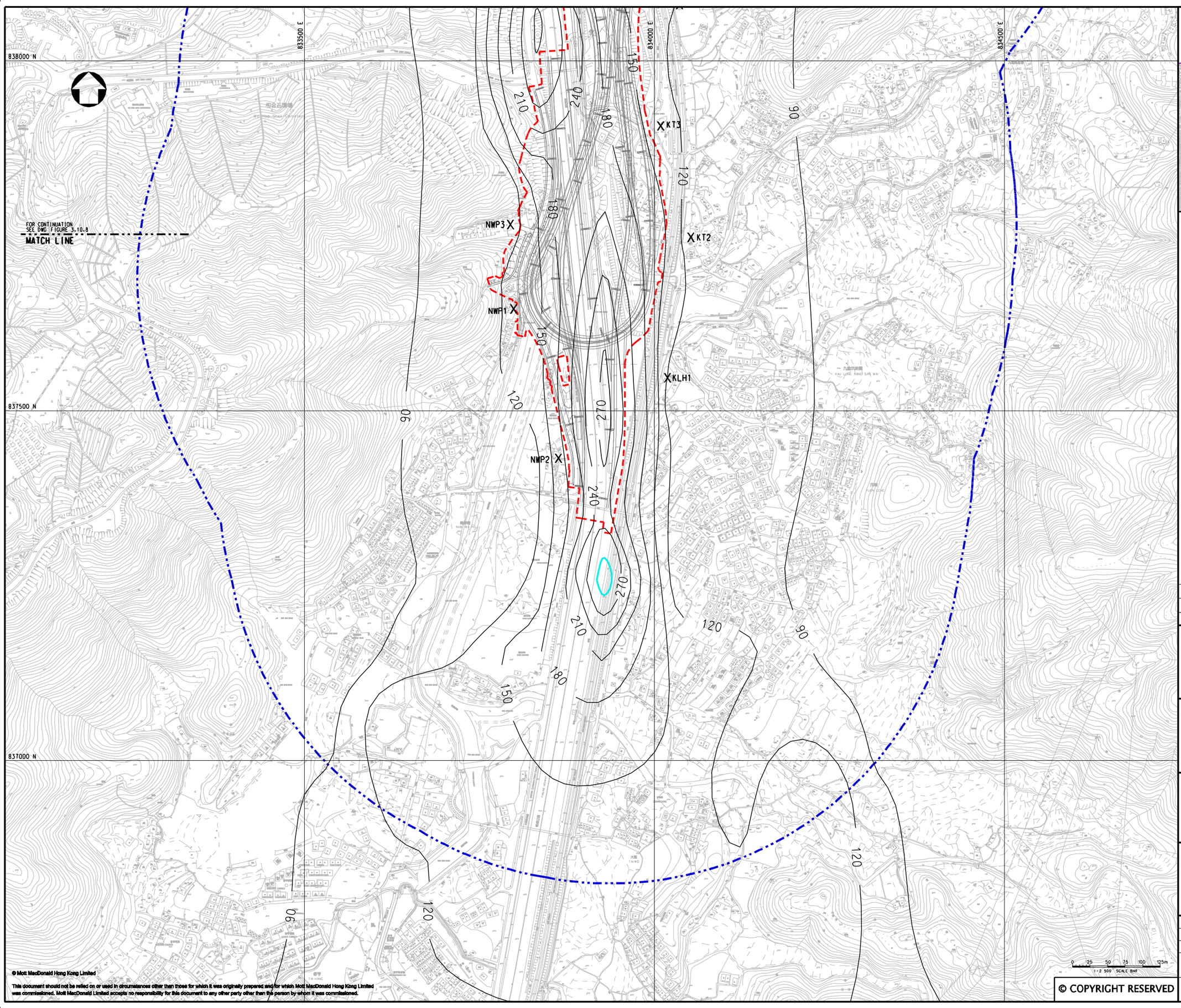

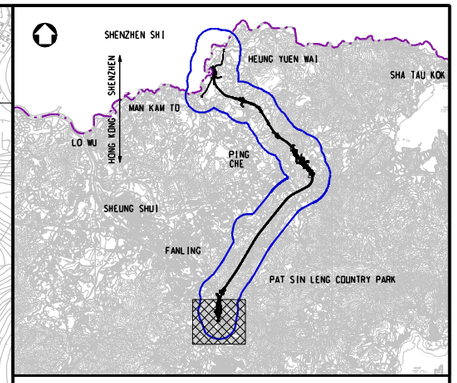

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOO CRITERIA.
- AOO CRITERIA

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Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS D)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
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Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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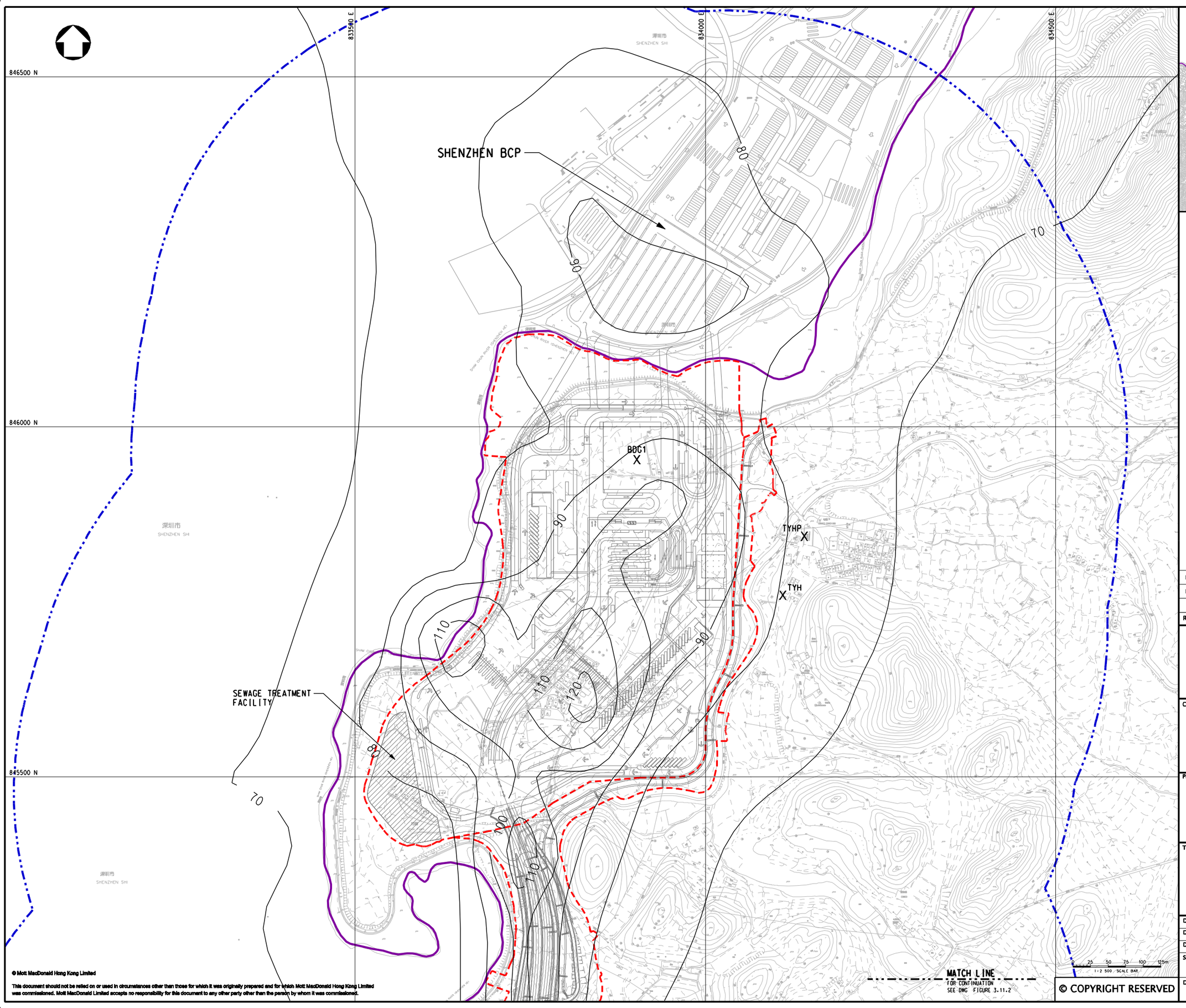

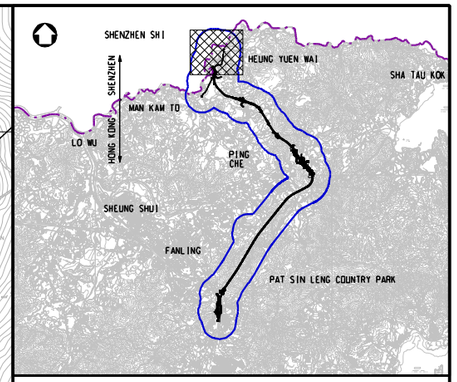

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 1 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\DIR5\FIG 3-11.dgn
Status: PRE
Drawing No: FIGURE 3.11.1
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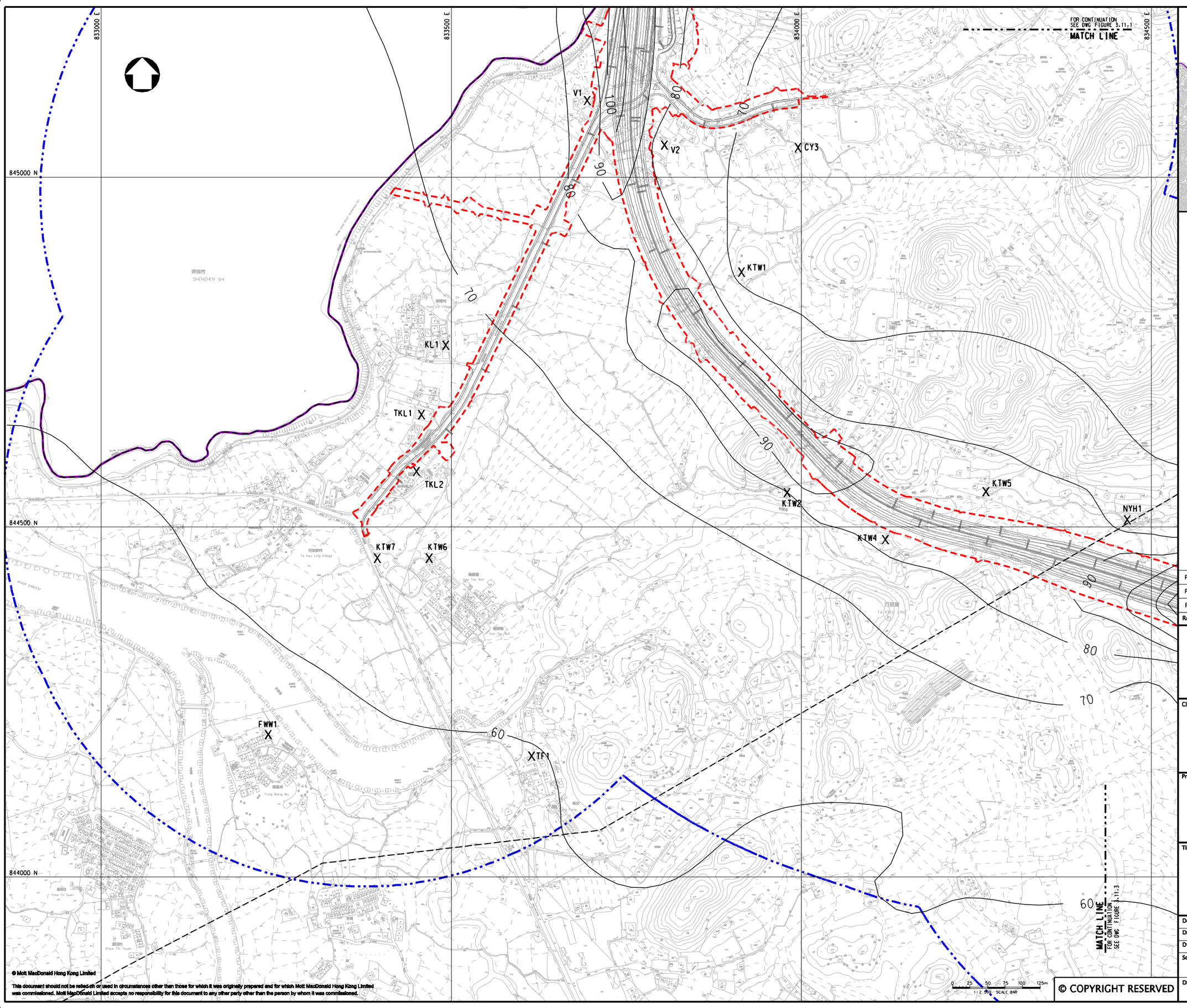

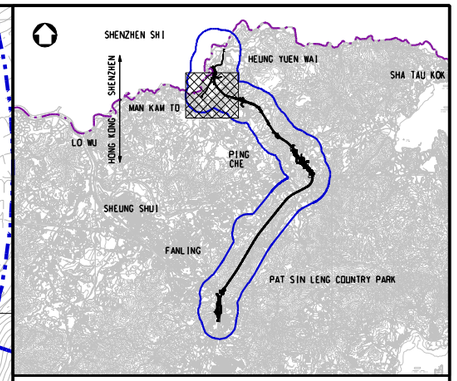

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Project

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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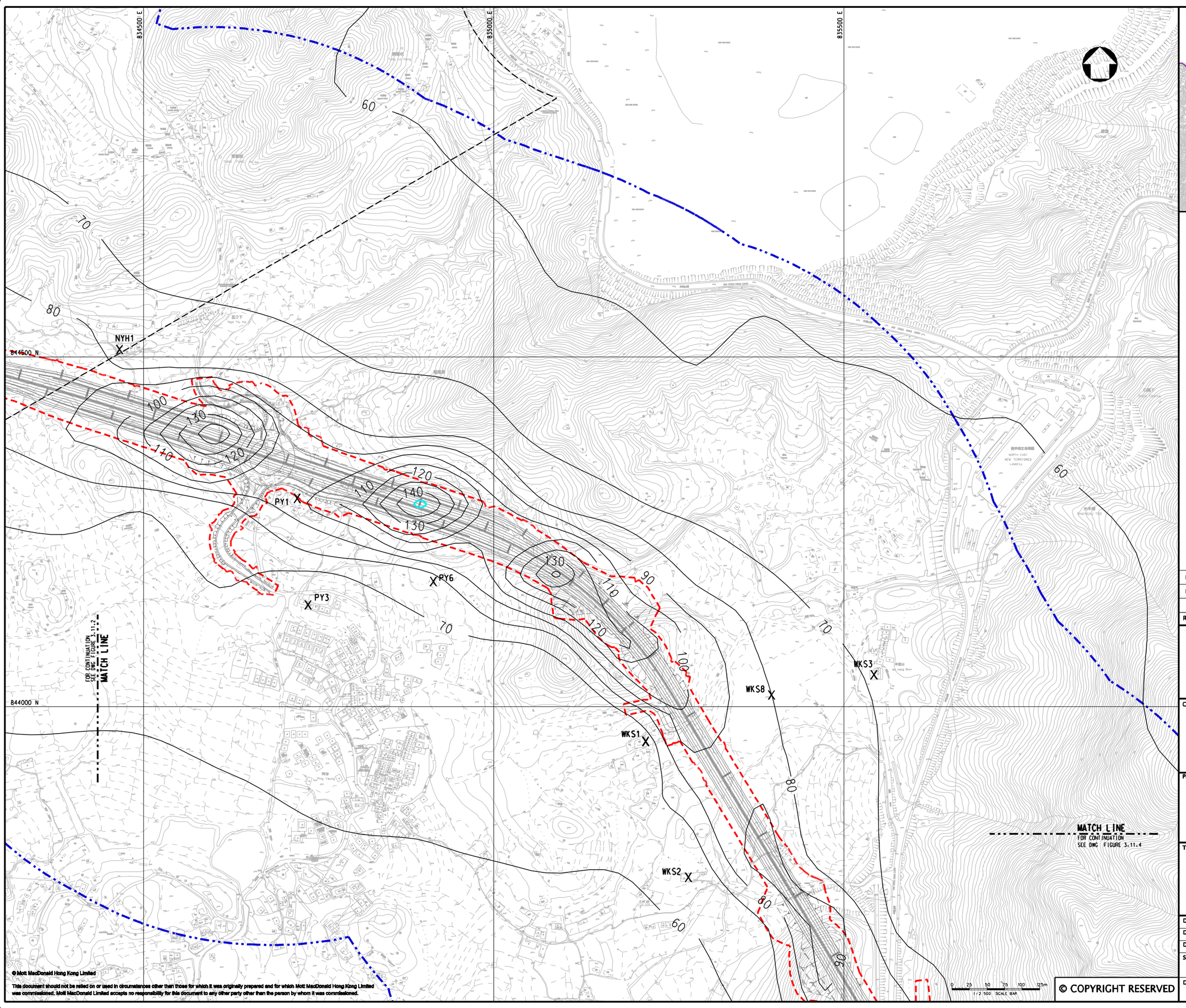

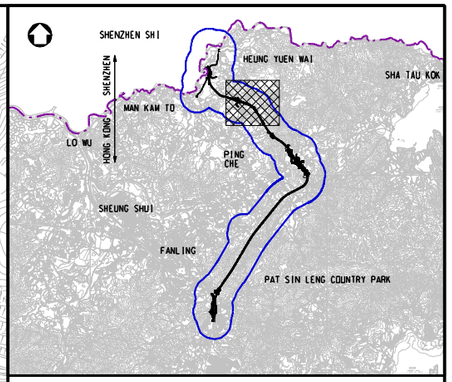

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOO CRITERIA.
- AOO CRITERIA

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)
(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
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Dwg.Chk.	HC		Approved	HT	

Scale at A1 1:2500	Project 255228	Status PRE
	CAD file j:\255228\report\env\eia\0105\FIG 3-11.3.dgn	
Drawing No FIGURE 3.11.3		Rev P3

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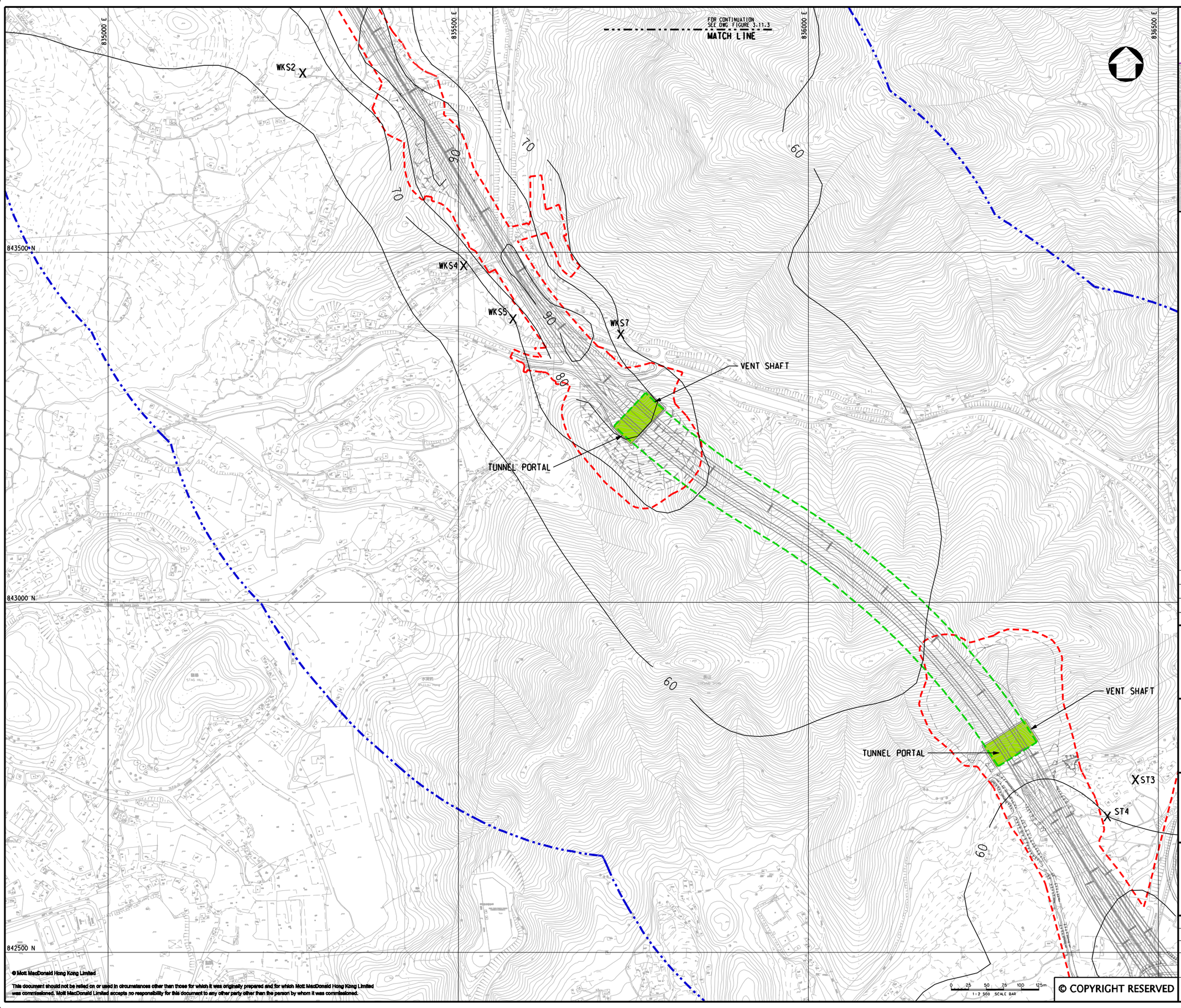

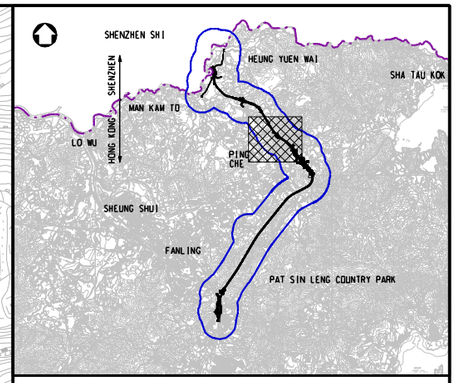

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500

Project: 255228

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Status: PRE

Drawing No: FIGURE 3.11.4

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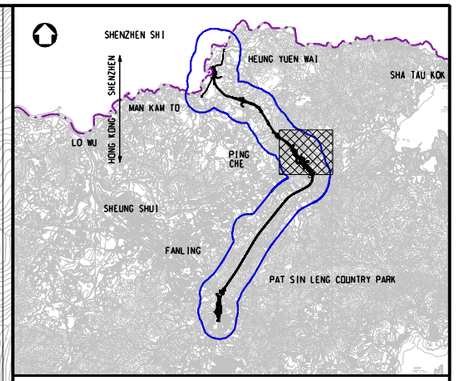
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N
60
70
80
90
VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
PROPOSED AREA FOR ADMINISTRATION BUILDING
TTW1
TTW2
TTW3
LT1
LT2
MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.11.6
0 25 50 75 100 125m
1:2500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS D)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: j:\255228\report\env\eia\OIR5\FIG 3-11.5.dgn
Drawing No: FIGURE 3.11.5
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836000 E

836500 E

837000 E

842000 N

841500 N

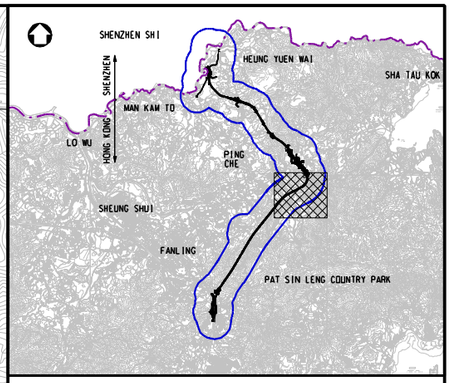
841000 N

TUNNEL PORTAL

VENT SHAFT

FOR CONTINUATION
SEE DWG FIGURE 3.11.5
MATCH LINE

60



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

0 25 50 75 100 125m
1:2 500 SCALE BAR

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS D)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500

Project: 255228

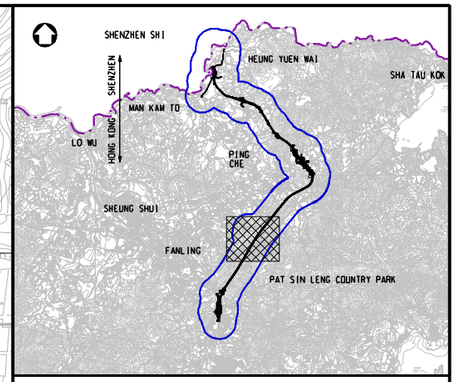
CAD file: j:\255228\report\env\eia\DIR5\FIG 3-11.6.dgn

Status: PRE

Drawing No: FIGURE 3.11.6

Rev: P3

834500 E
835000 E
835500 E
840500 N
840000 N
839500 N
54
55
56
57
58
PKT1
PKT2
PKT3
PROPOSED TUNNEL MID-VENTILATION BUILDING
CONNECTION ADIT
0 25 50 75 100 125m
1:2 500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI (STABILITY CLASS D)

Designed	HC		Eng.Chk.	EC	
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Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228	Status	PRE
		CAD file	j:\255228\report\env\eio\DIR5\FIG 3-11.7.dgn		
Drawing No	FIGURE 3.11.7			Rev	P3

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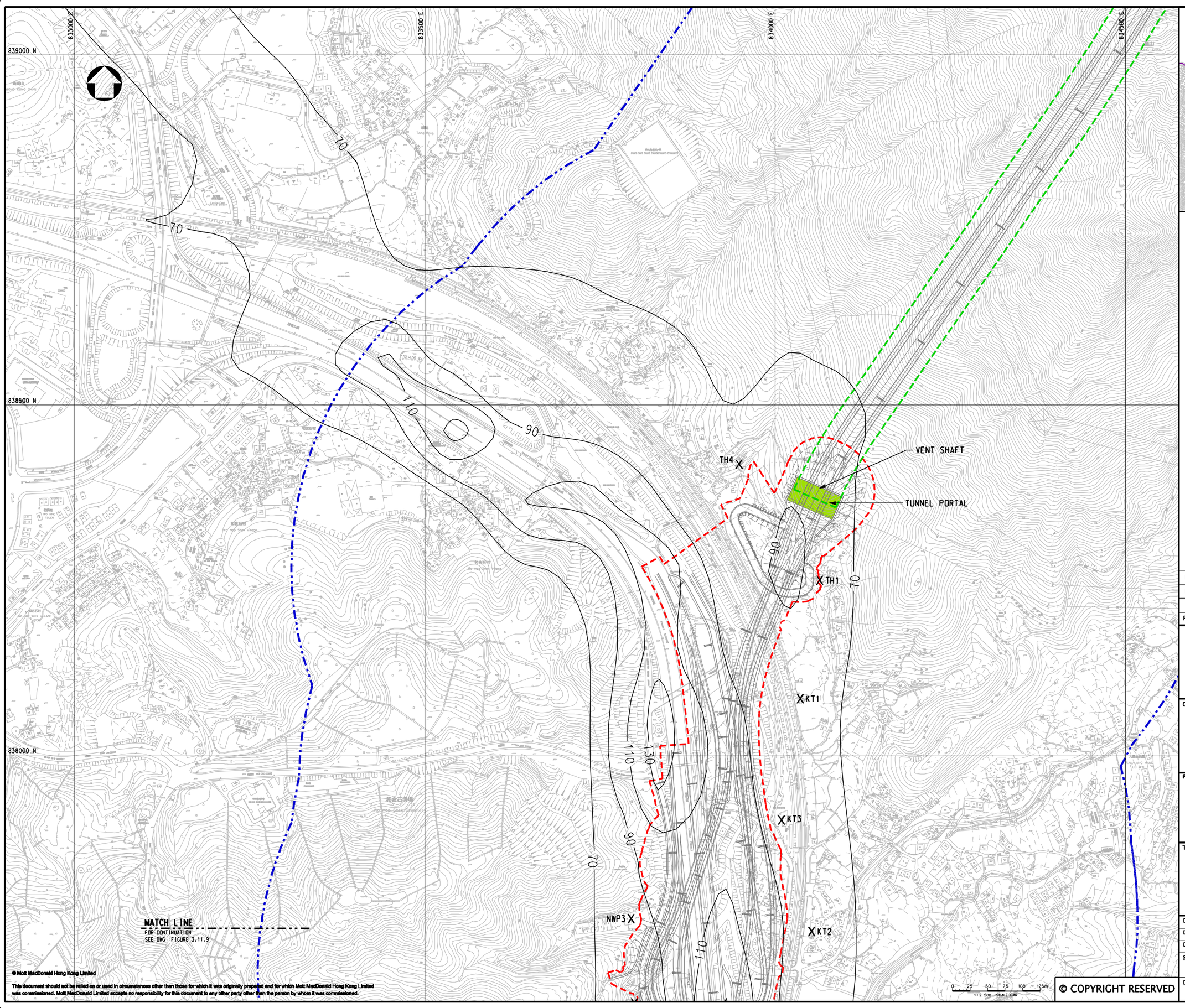

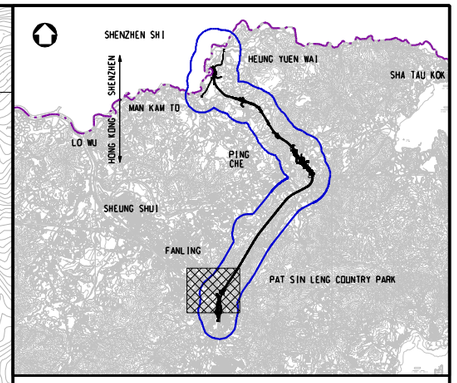

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS D)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\0IR5\FIG 3-11.8.dgn
Status: PRE
Drawing No: FIGURE 3.11.8
Rev: P3

0 25 50 75 100 125m
1:2 500 SCALE BAR

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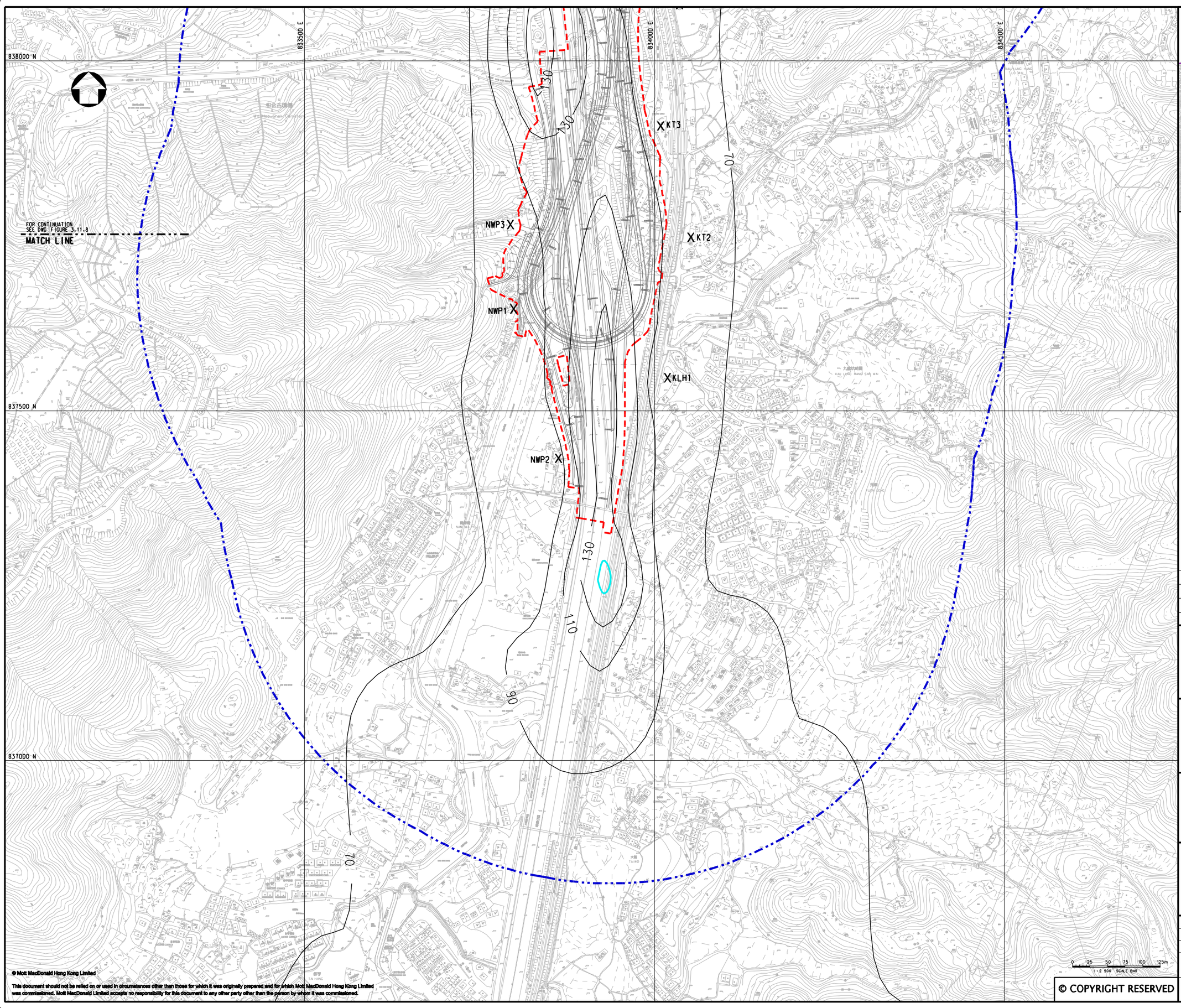

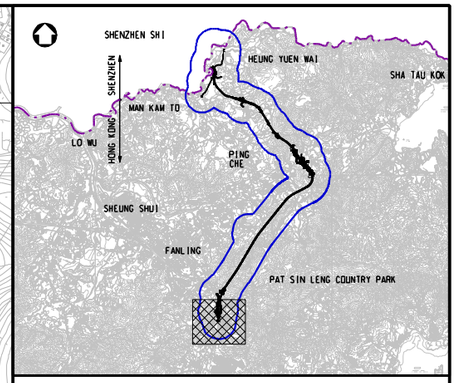

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOO CRITERIA.
- AOO CRITERIA

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Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS D)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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CAD file: J:\255228\report\env\eia\DIR5\FIG 3-11.9.dgn
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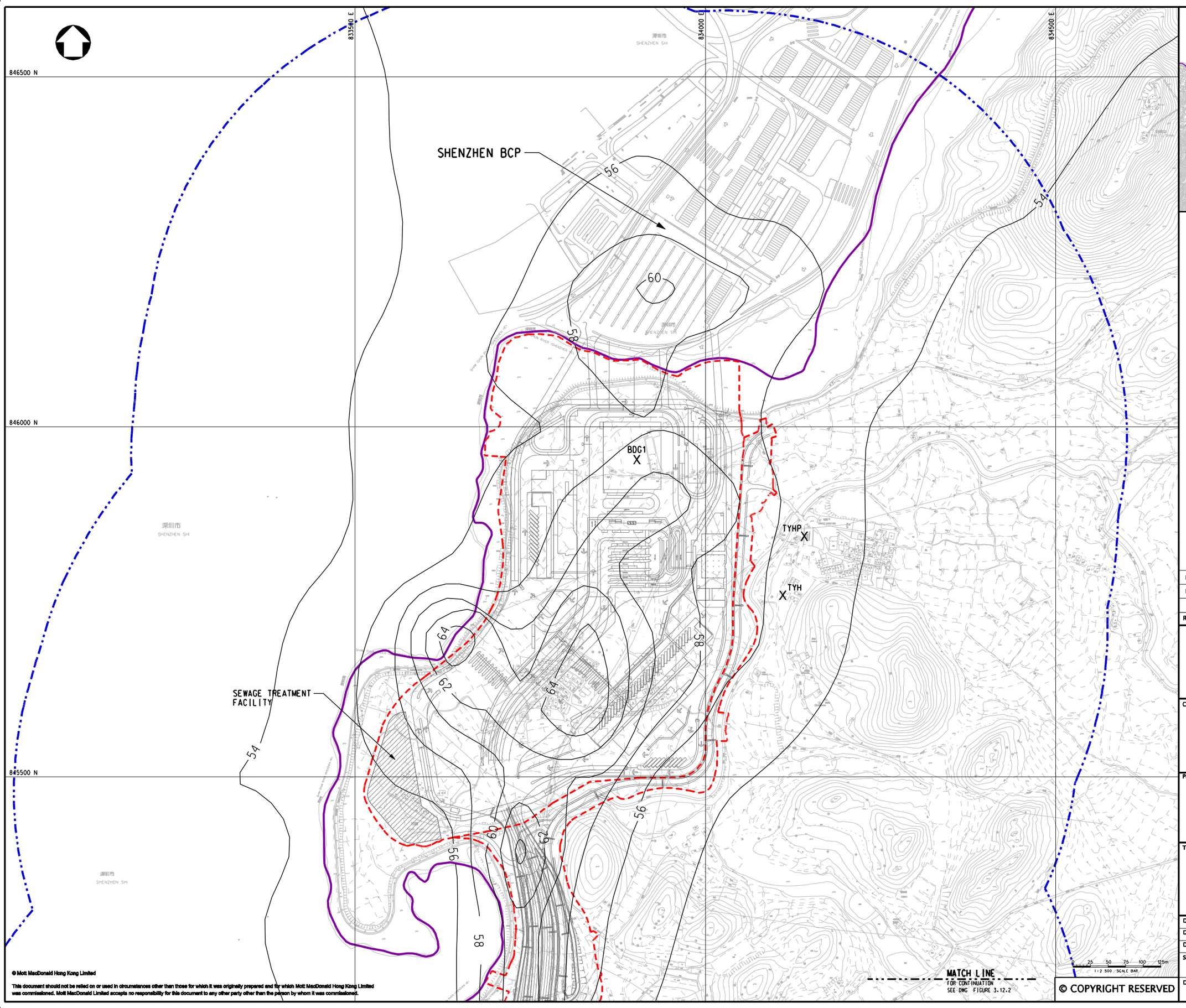

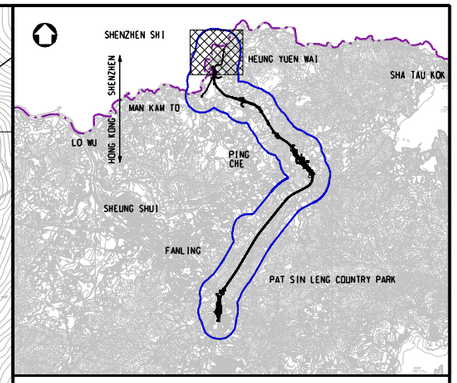

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 1 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

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Drawing No FIGURE 3.12.1

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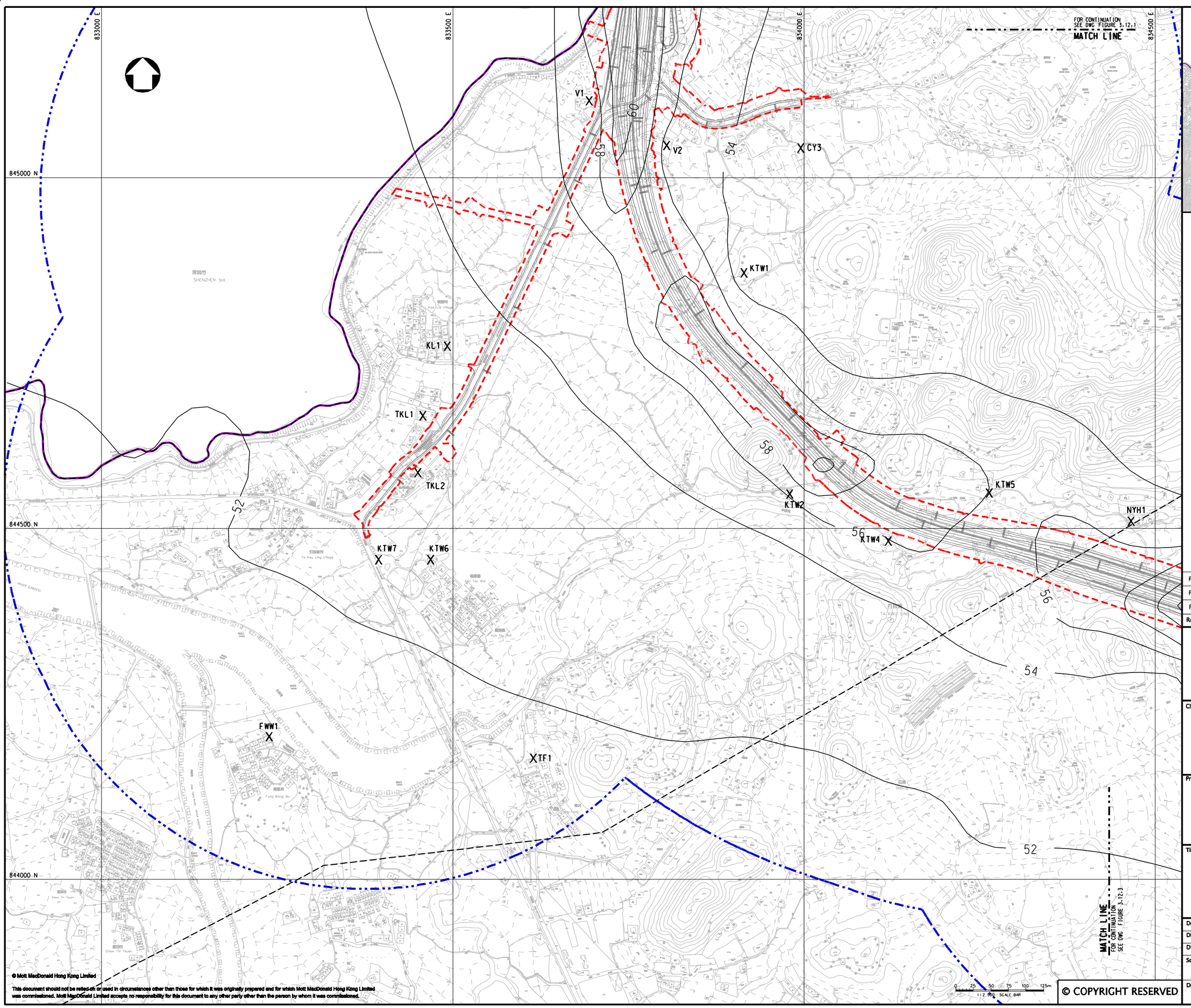

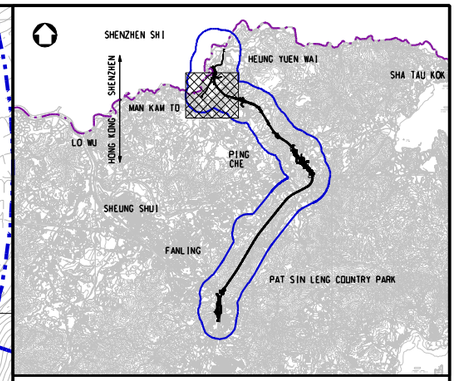

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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P2	OCT 10	MMH	GENERAL REVISION	DC	HT
P1	AUG 10	MMH	FIRST ISSUE	HC	HT

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CEDD
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\0IR5\FIG 3-12.2.dgn
Status: PRE
Drawing No: FIGURE 3.12.2
Rev: P3

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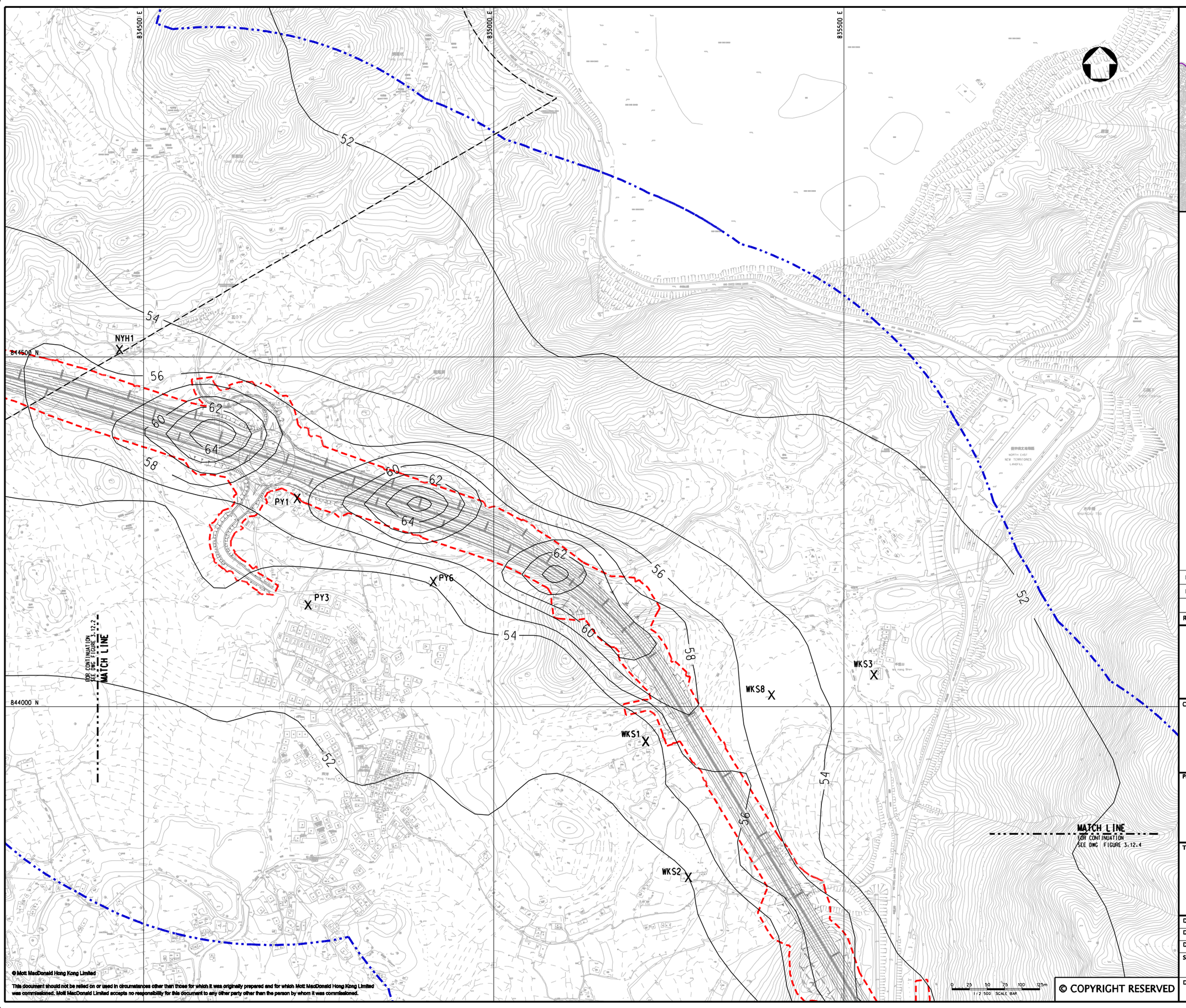

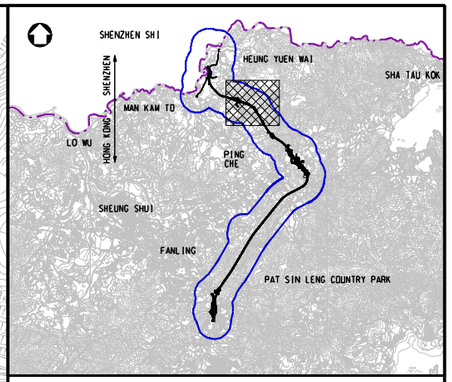

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\DIR5\FIG 3-12.3.dgn
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Drawing No: FIGURE 3.12.3
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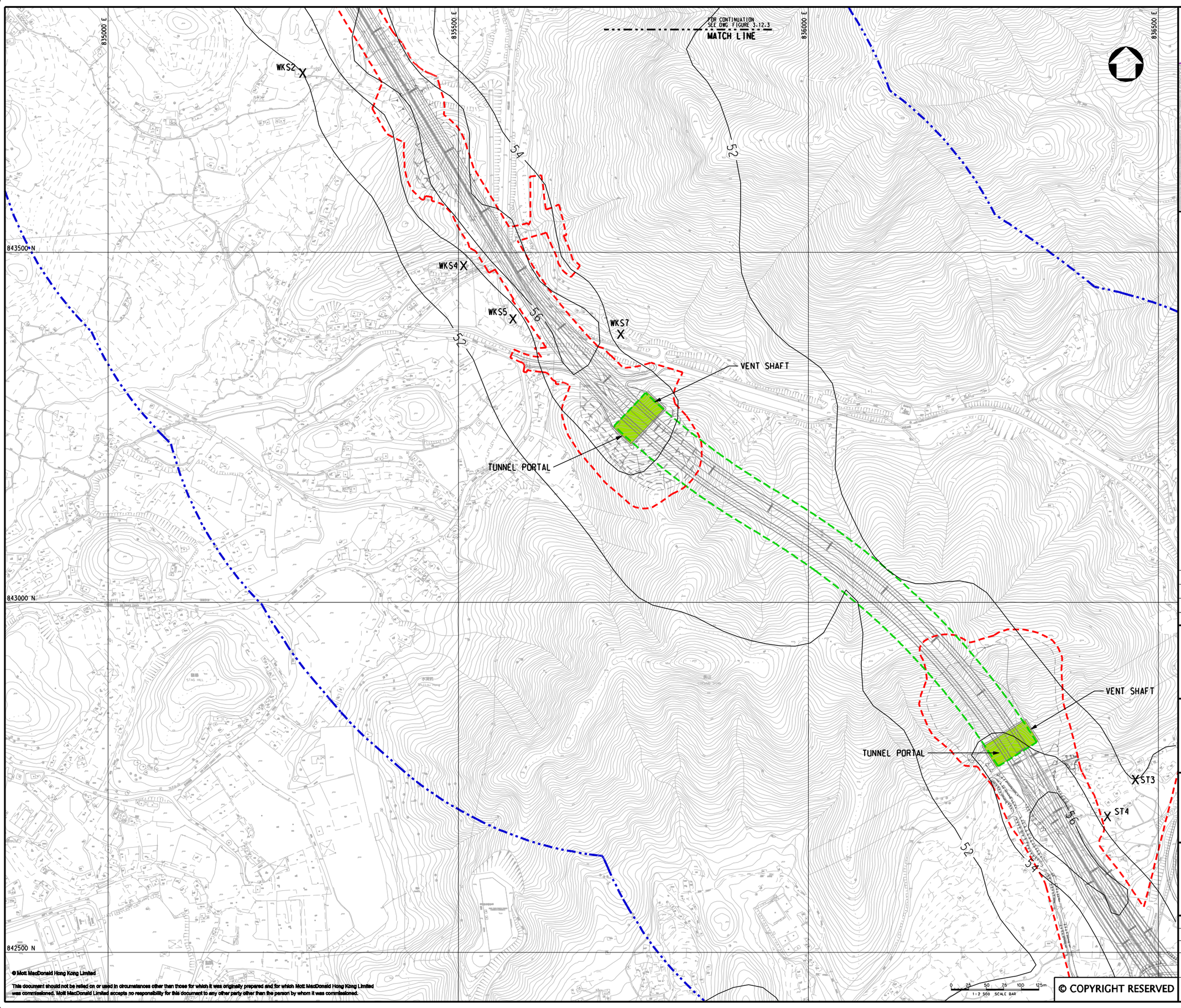

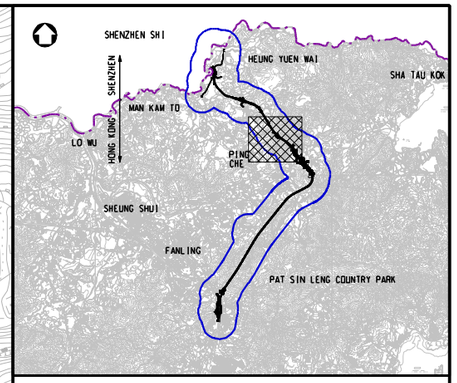

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS D)

(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\0815\FIG 3-12.4.dgn
Status: PRE
Drawing No: FIGURE 3.12.4
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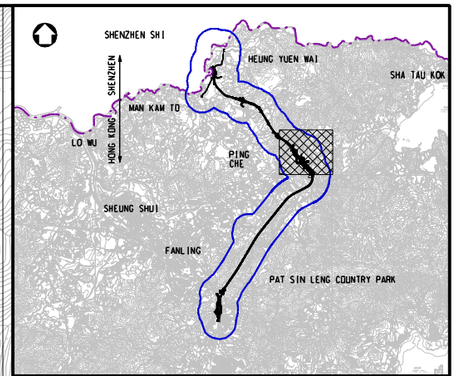
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N
52
54
56
VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
TTW1
TTW2
TTW3
LT1
LT2
PROPOSED AREA FOR ADMINISTRATION BUILDING
MATCH LINE
FOR CONTINUATION
SEE DWG. FIGURE 3.12.6
0 25 50 75 100 125m
1:2500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS D)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\OIR5\FIG 3-12.5.dgn
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836000 E

836500 E

837000 E

842000 N

841500 N

841000 N

TUNNEL PORTAL

VENT SHAFT

FOR CONTINUATION
SEE DWG FIGURE 3.12.5
MATCH LINE

52

0 25 50 75 100 125m
1:2 500 SCALE BAR

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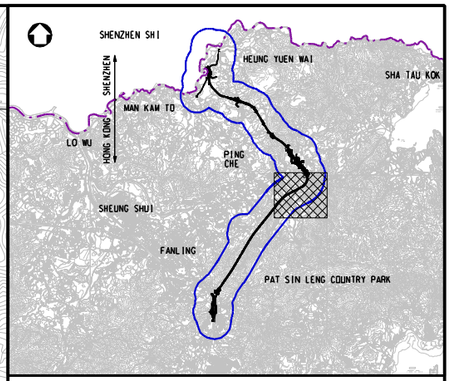

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS D)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\DIR5\FIG 3-12.6.dgn		
Drawing No	FIGURE 3.12.6				Rev P3

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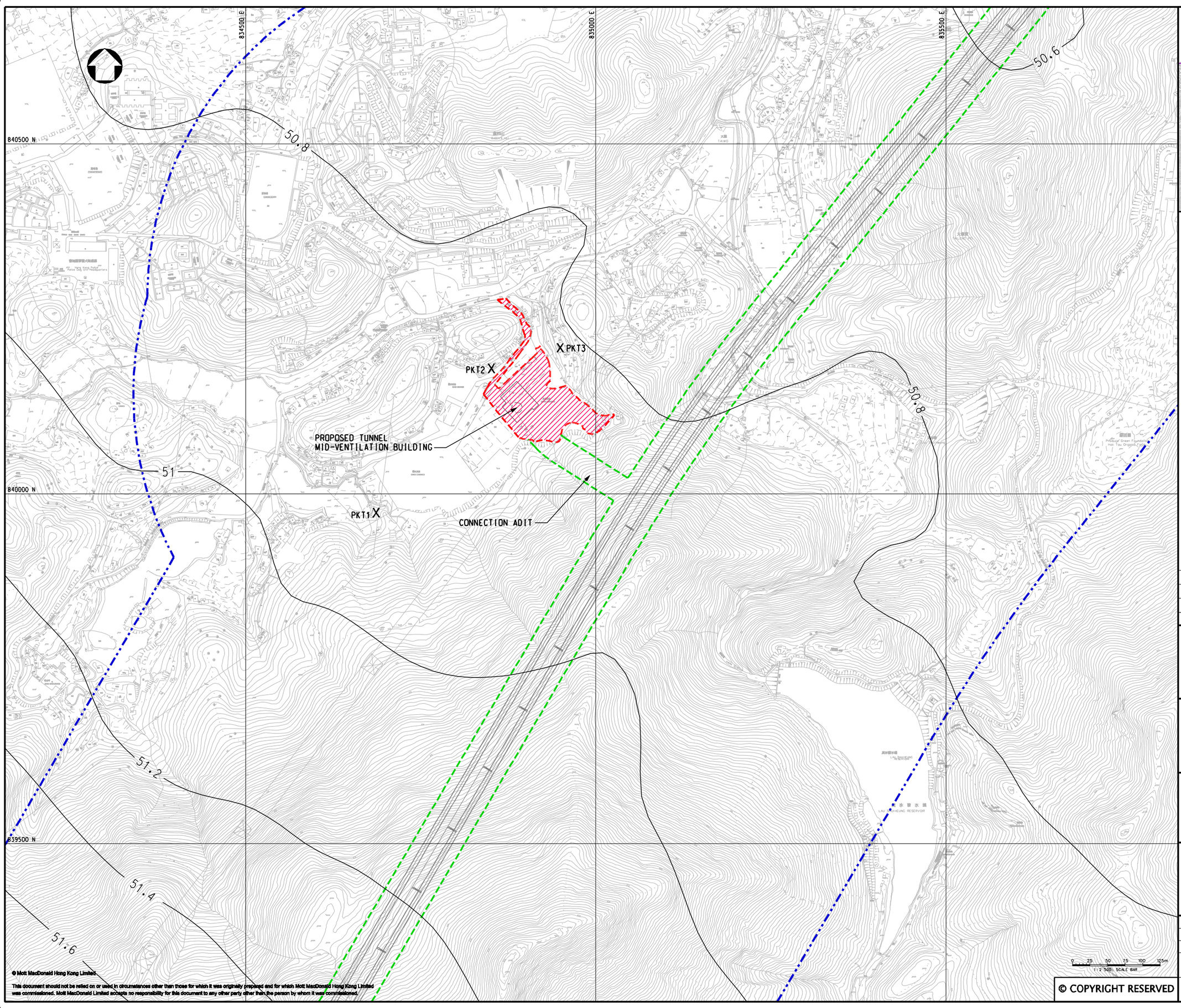

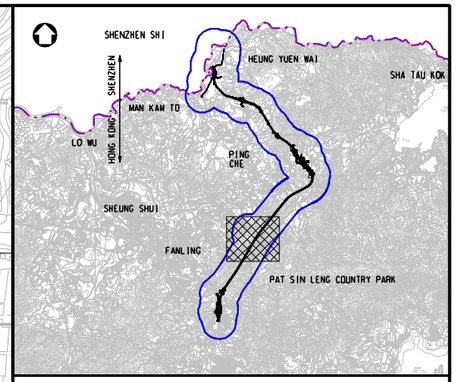

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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P2	OCT 10	MMH	GENERAL REVISION	DC	HT
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Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI (STABILITY CLASS D)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\eio\DWS\FIG 3-12.7.dgn			
Drawing No FIGURE 3.12.7					Rev P3

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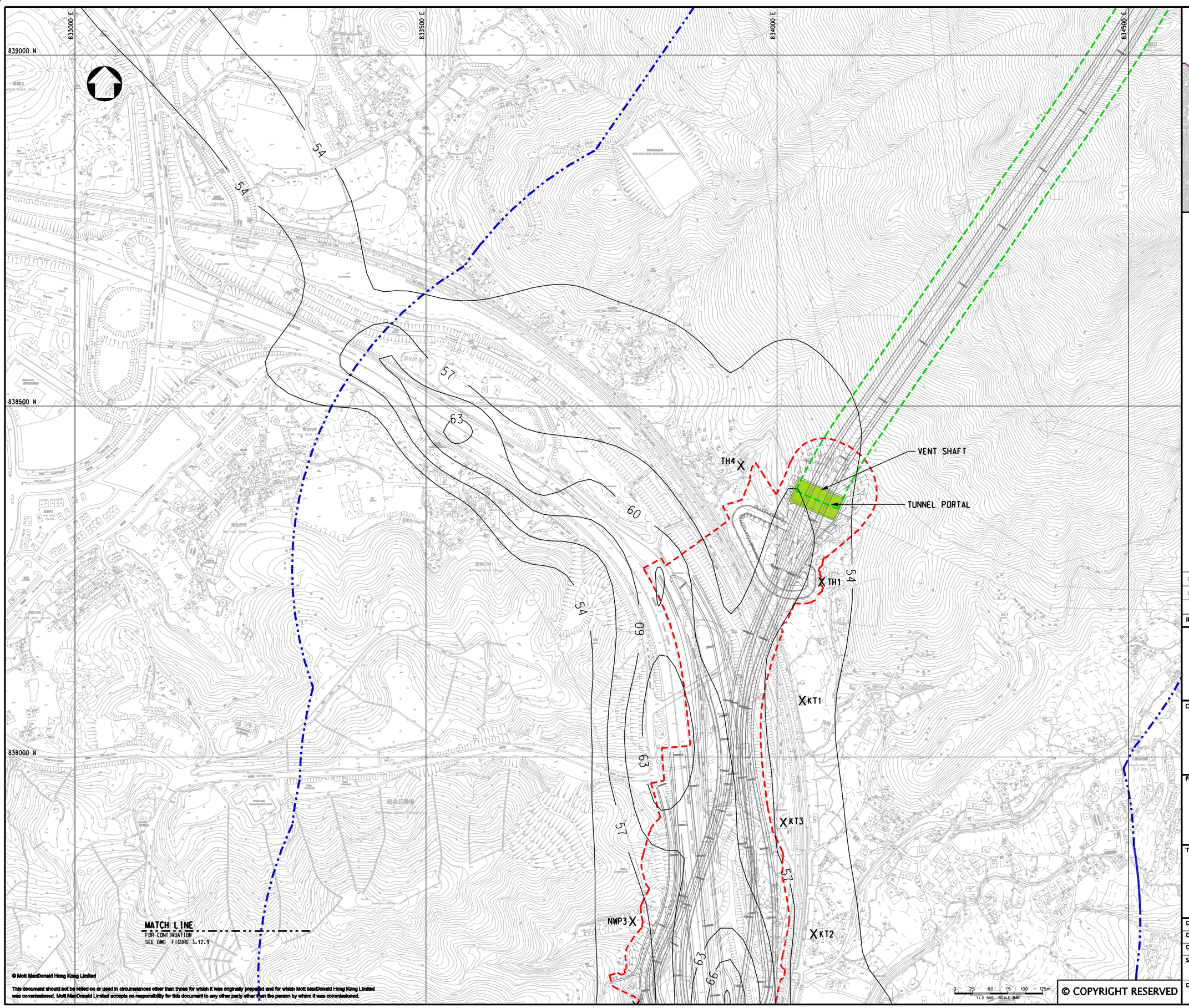

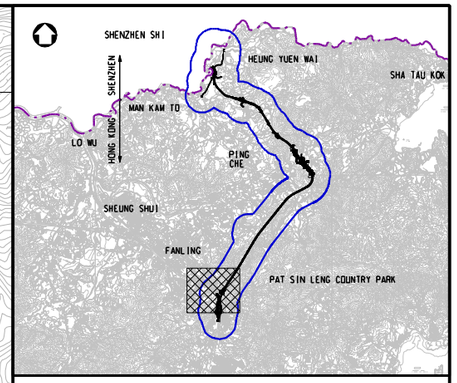

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Project

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS D)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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CAD file: J:\255228\report\env\eia\0IR5\FIG 3-12.8.dgn
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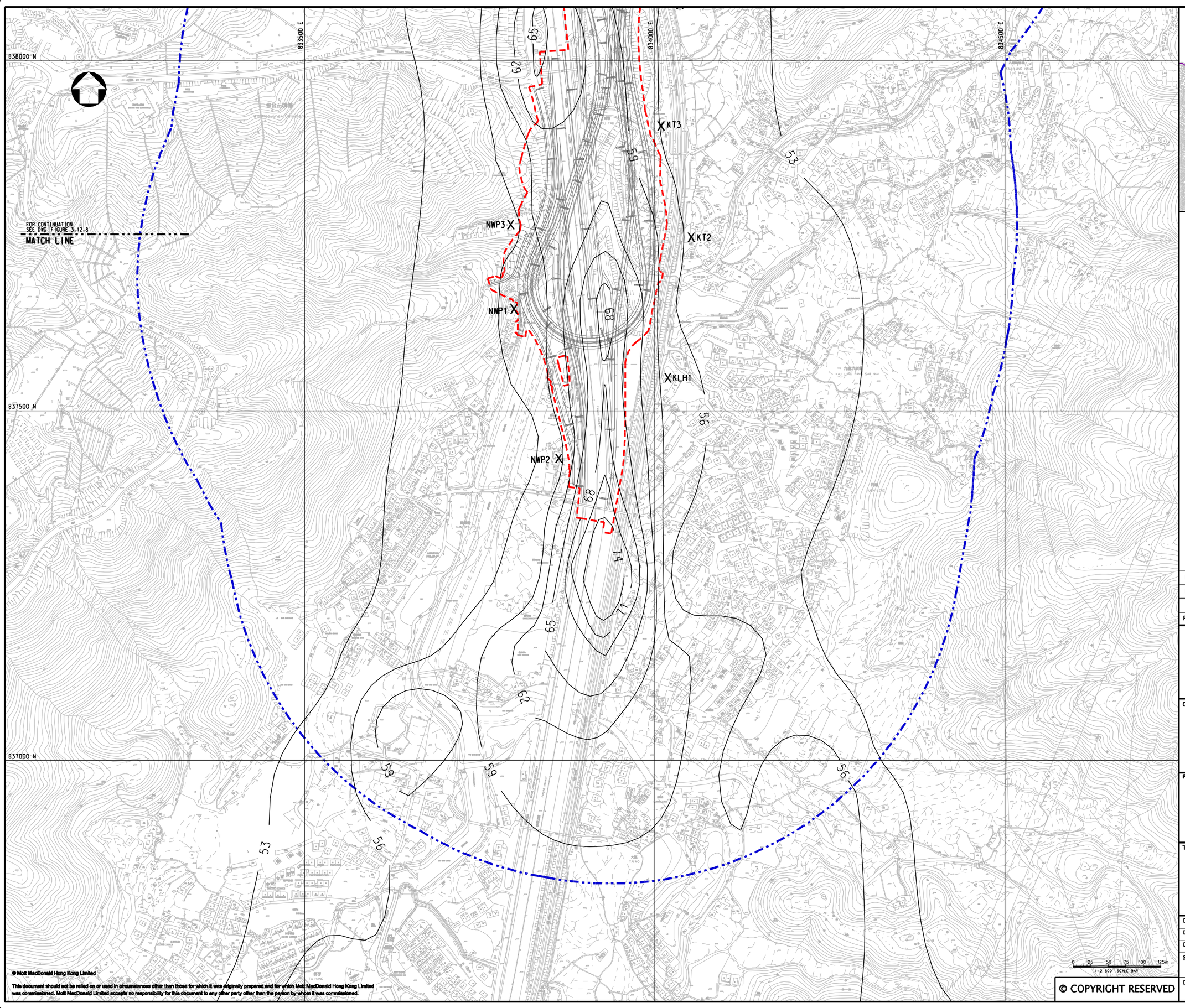

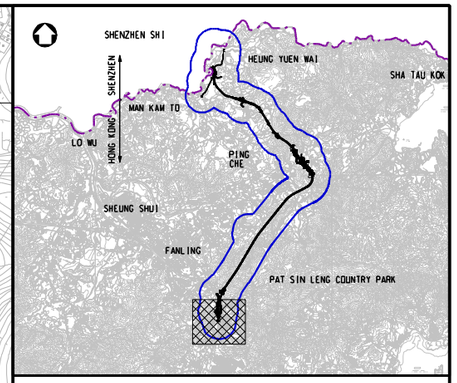

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

Rev	Date	Drawn	Description	Ch'k'd	App'd
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS D)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\elo\DIMS\FIG 3-12.9.dgn			
Drawing No FIGURE 3.12.9					Rev P3

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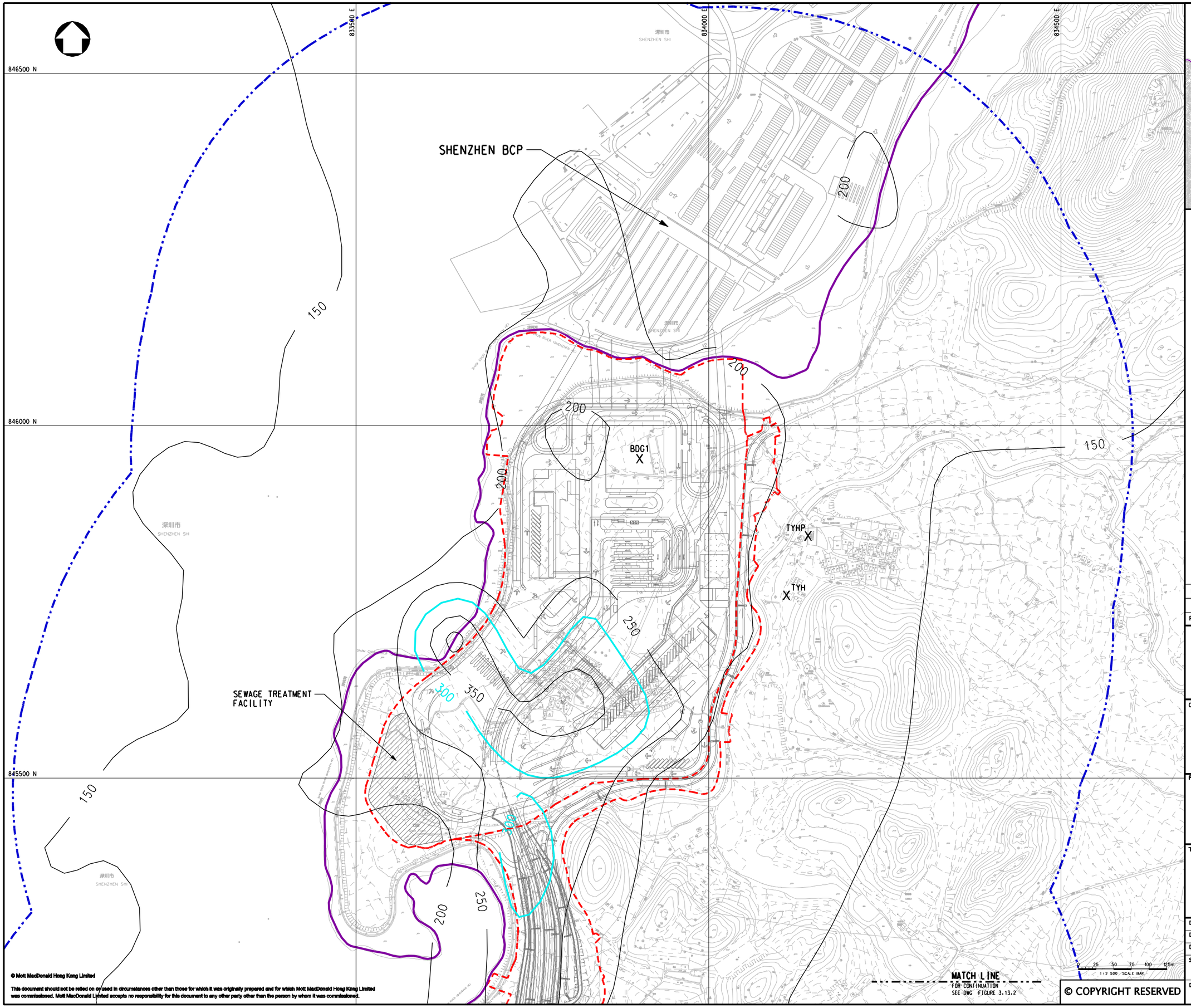

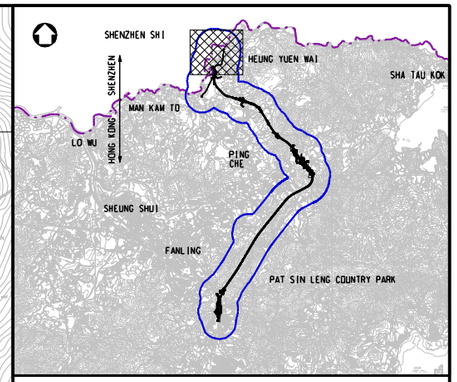

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 1 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1 1:2500
Project 255228
CAD file j:\255228\report\env\eia\DIS\FIG 3-13J.dgn
Status PRE
Drawing No FIGURE 3.13.1
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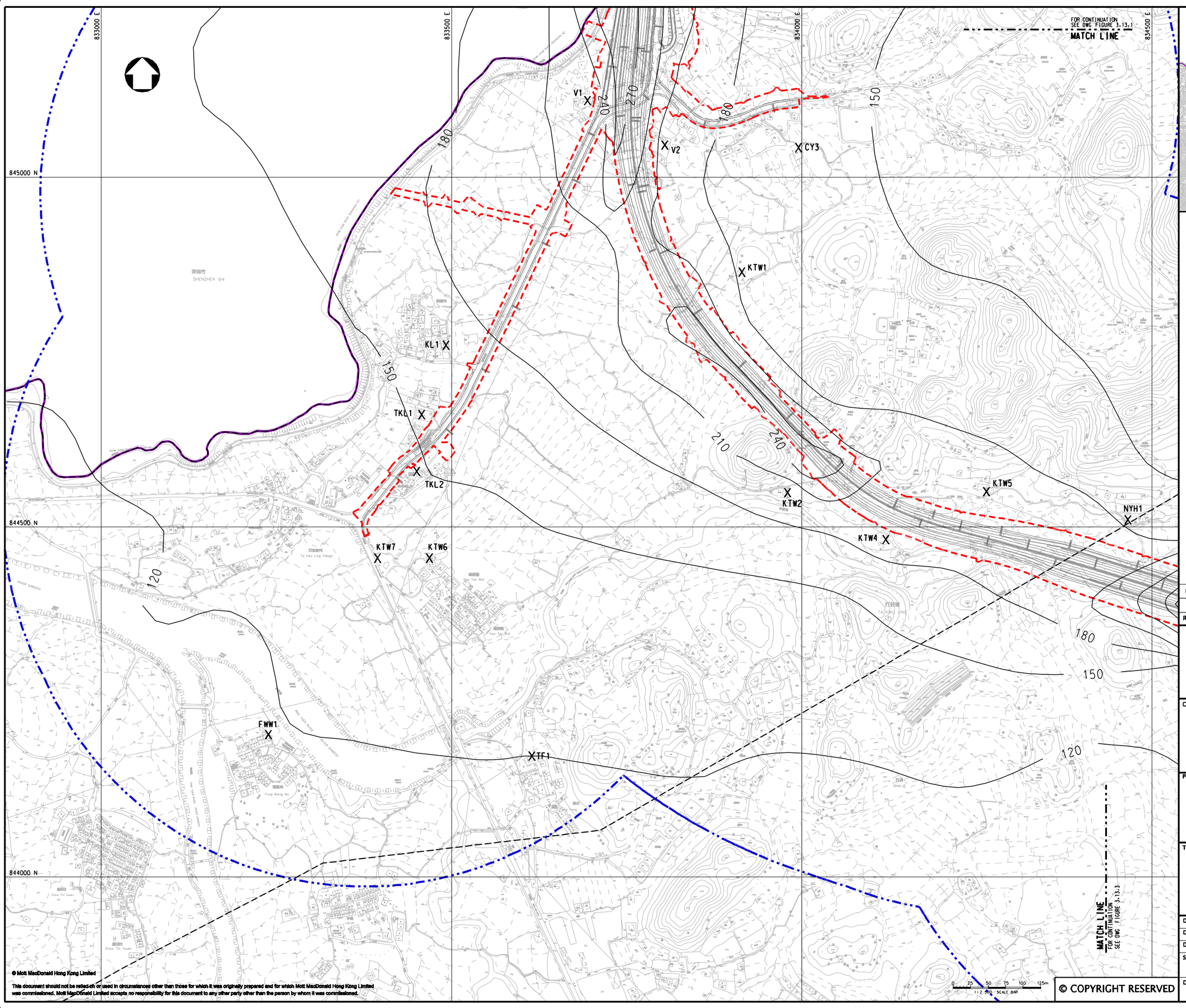

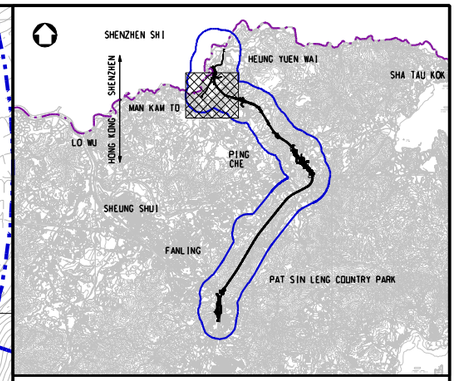

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
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Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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CAD file: j:\255228\report\env\eia\0815\FIG 3-13.2.dgn
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834500 E

835000 E

835500 E

844600 N

844000 N

NYH1

PY1

PY3

PY6

WKS1

WKS2

WKS3

WKS8

180

240

300

120

FOR CONTINUATION SEE DWG FIGURE 3.13.2

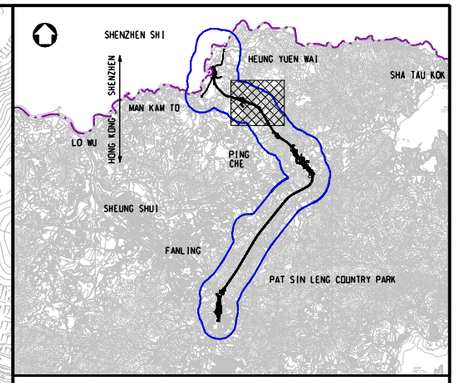
MATCH LINE

FOR CONTINUATION SEE DWG FIGURE 3.13.4

MATCH LINE

0 25 50 75 100 125m

1 / 2 500 SCALE BAR



KEY PLAN

SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOO CRITERIA.
- AOO CRITERIA

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CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228	Status	PRE
		CAD file	j:\255228\report\env\eio\DWG\FIG 3-13.3.dgn		
Drawing No	FIGURE 3.13.3			Rev	P2

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835000 E
835500 E
836000 E
836500 E
843500 N
843000 N
842500 N
FOR CONTINUATION SEE DWG. FIGURE 3.13.3
MATCH LINE
WKS2
WKS4
WKS5
WKS7
VENT SHAFT
TUNNEL PORTAL
200
170
140
140
110
110
110
XST3
XST4
0 25 50 75 100 125m
1:2 500 SCALE BAR

SHENZHEN SHI
SHENZHEN
HONG KONG
HEUNG YUEN WAI
SHA TAU KOK
MAN KAM TO
LO WU
PING CHE
SHEUNG SHUI
FANLING
PAT SIN LENG COUNTRY PARK

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)
(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: j:\255228\report\env\eia\DIR5\FIG 3-13.4.dgn
Status: PRE
Drawing No: FIGURE 3.13.4
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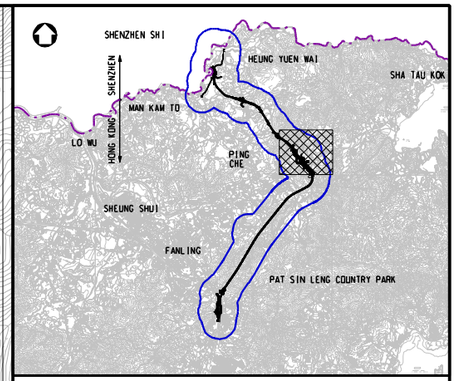
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N
100
130
160
VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
TTW1
TTW2
TTW3
LT2
LT1
PROPOSED AREA FOR ADMINISTRATION BUILDING
MATCH LINE
FOR CONTINUATION
SEE DWG. FIGURE 3.13.6
0 25 50 75 100 125m
1:2500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS F)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: j:\255228\report\env\eia\OIR5\FIG 3-13.5.dgn
Drawing No: FIGURE 3.13.5
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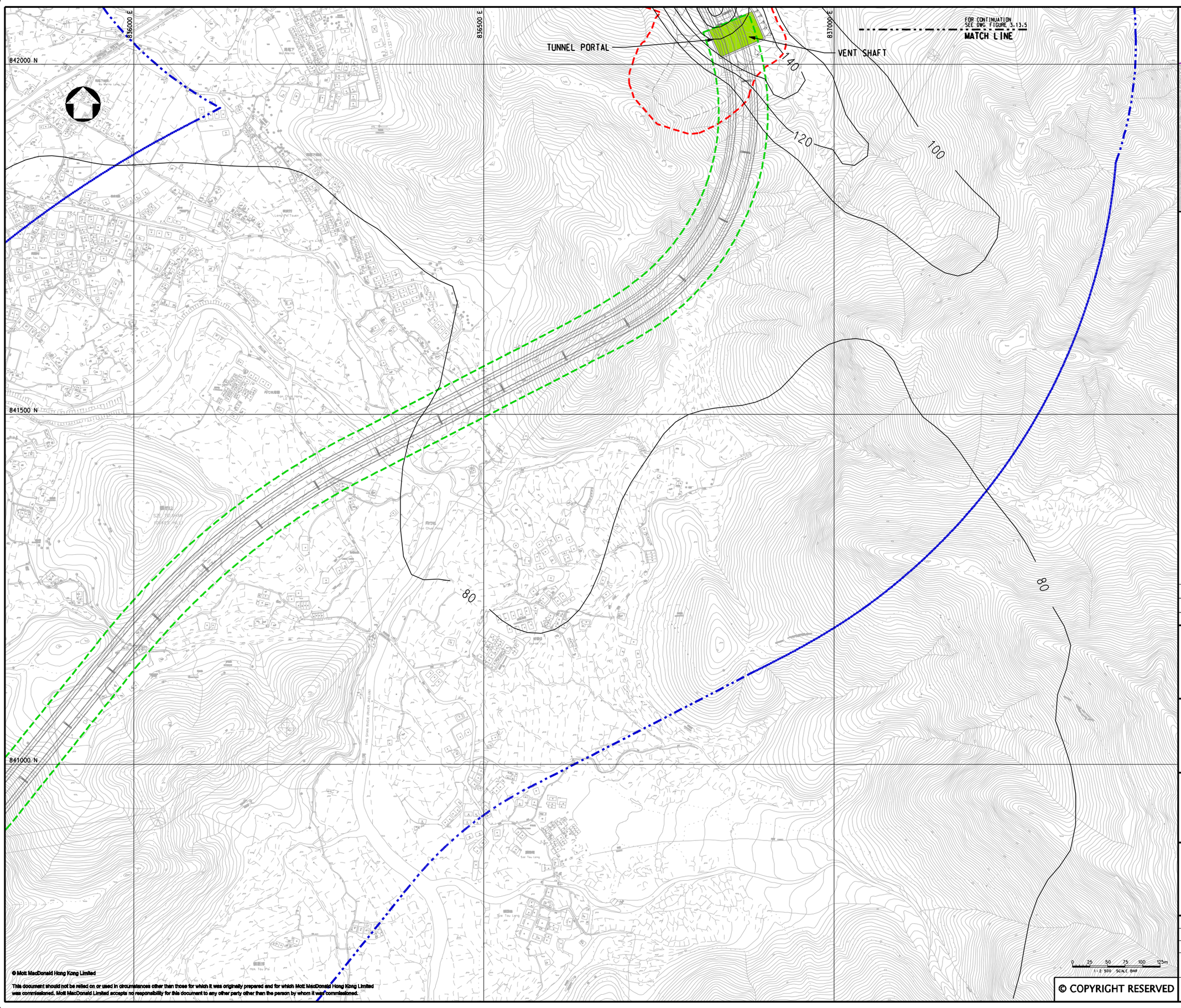

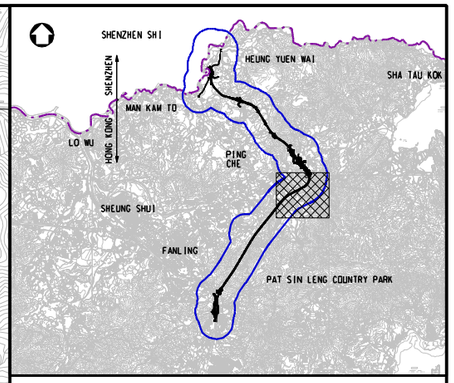

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS F)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\DIR5\FIG 3-13.6.dgn		
Drawing No	FIGURE 3.13.6				Rev P2

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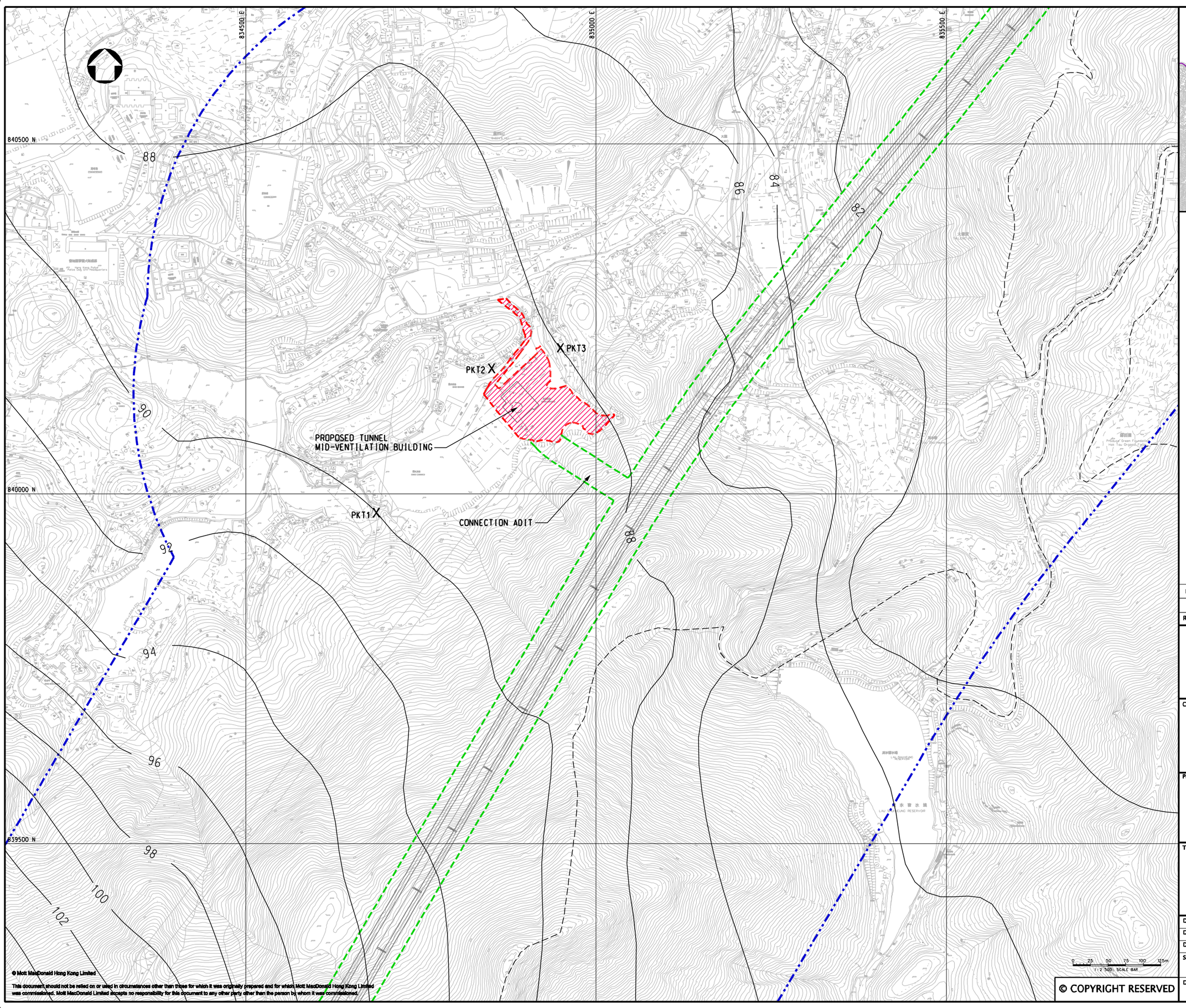

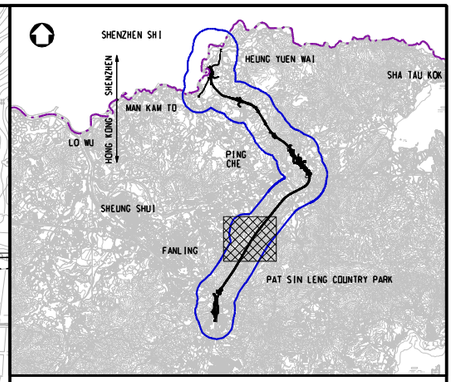

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Project
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI (STABILITY CLASS F)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\eio\DIR5\FIG 3-13.7.dgn			
Drawing No FIGURE 3.13.7					Rev P2

0 25 50 75 100 125m
1:2 500 SCALE BAR

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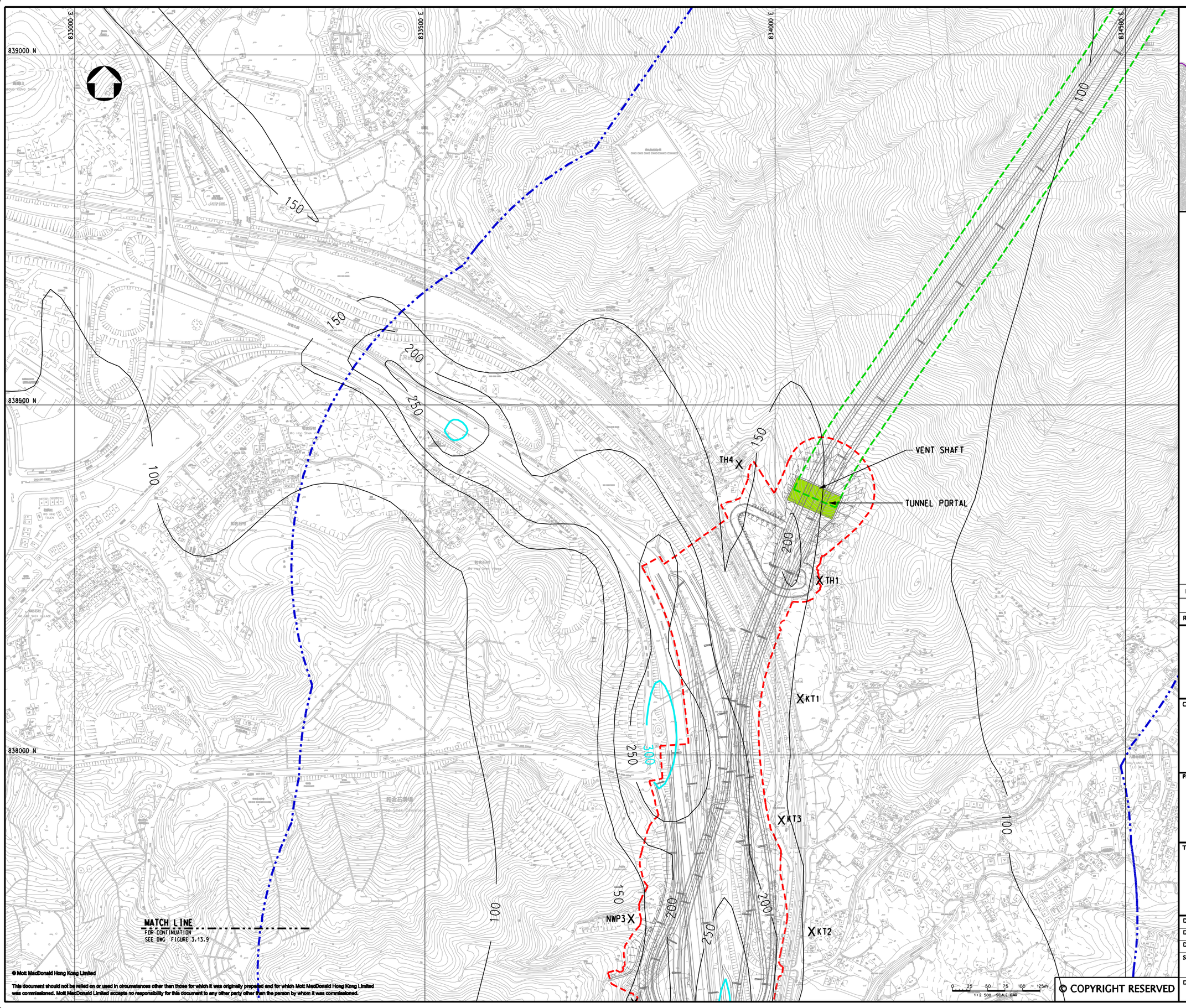

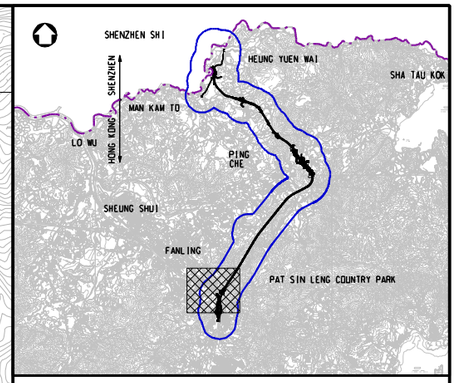

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS F)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\0105\FIG 3-13.8.dgn		
Drawing No	FIGURE 3.13.8				Rev P2

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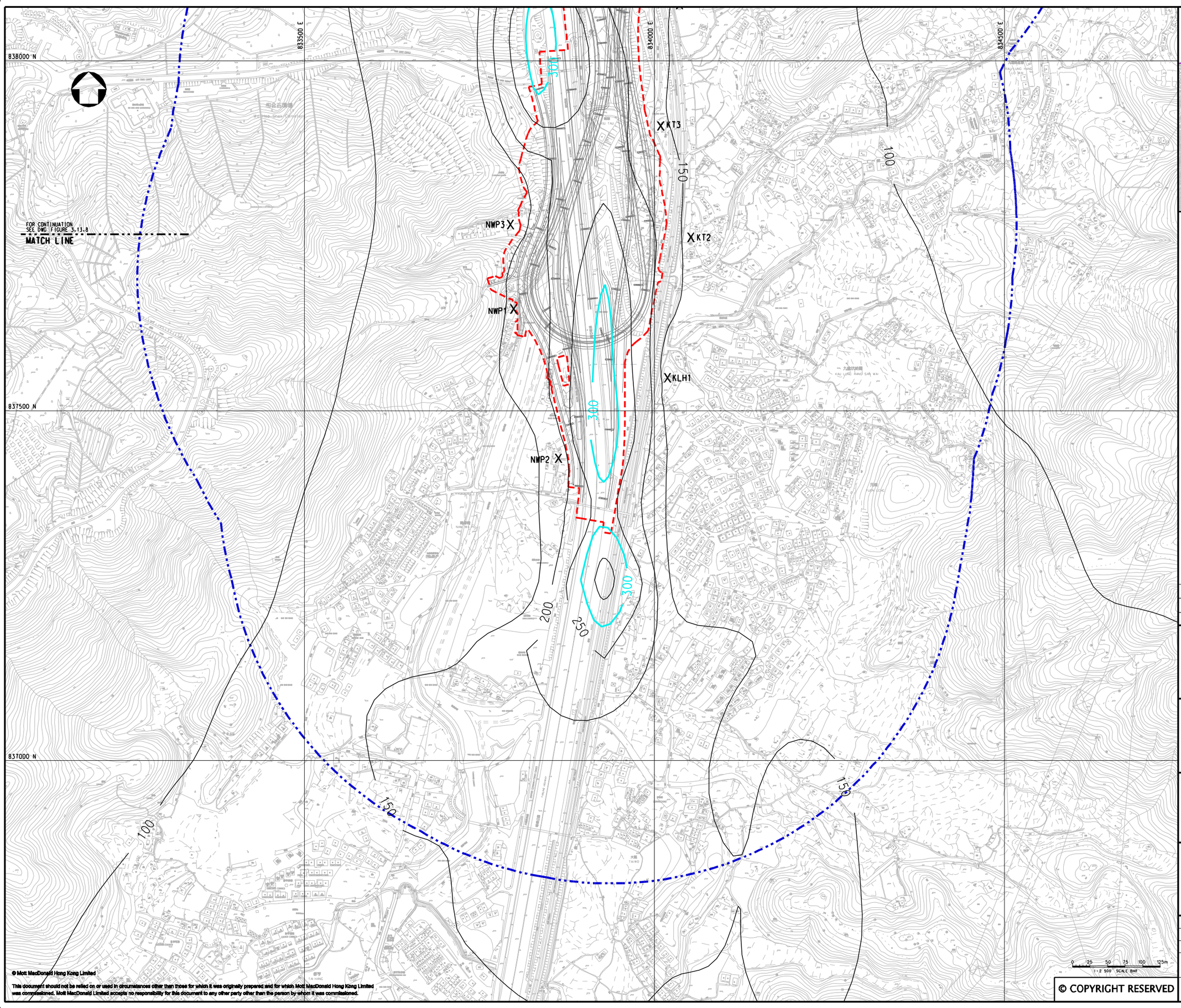

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY
CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF HOURLY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS F)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\0815\FIG 3-13.9.dgn
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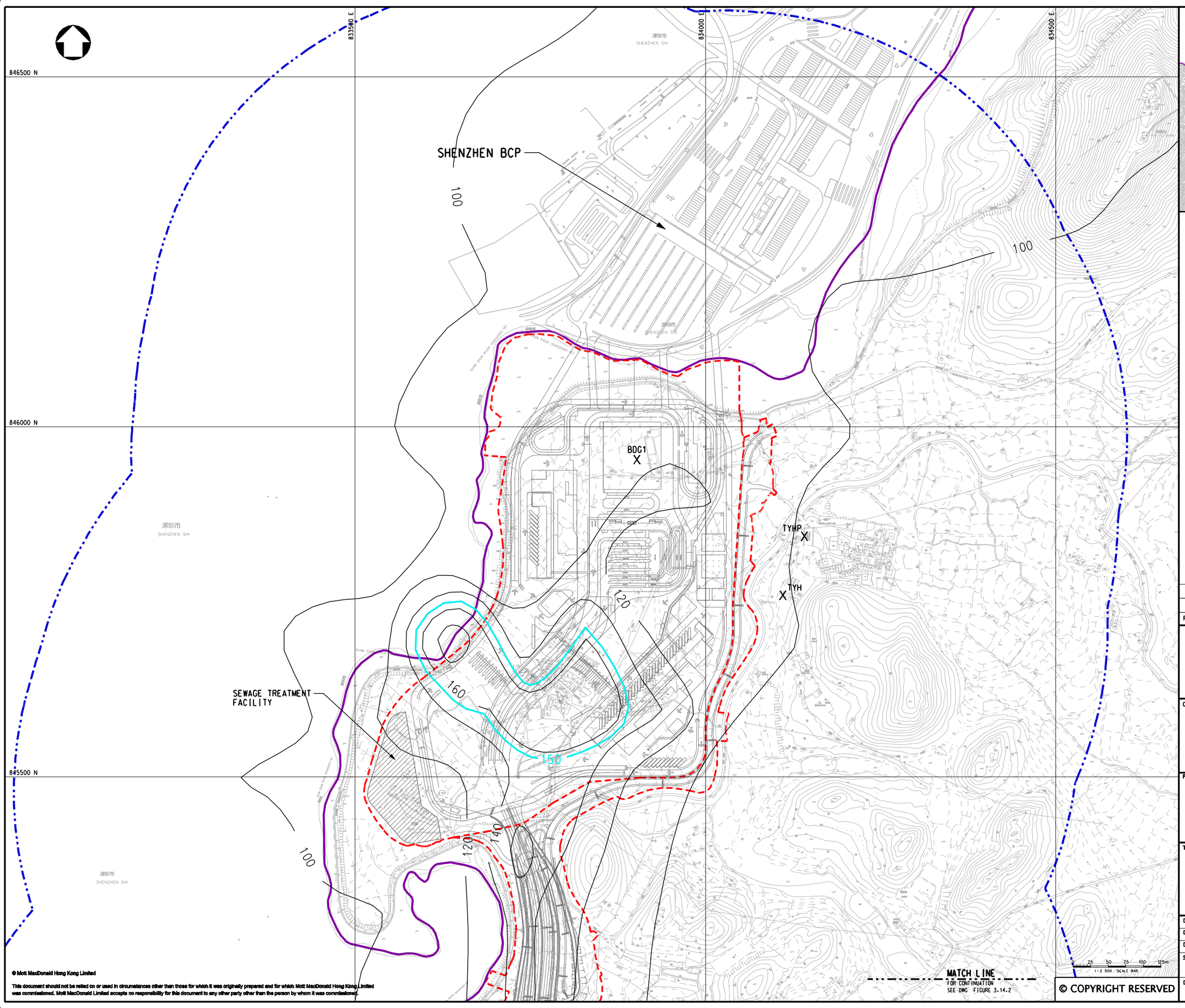

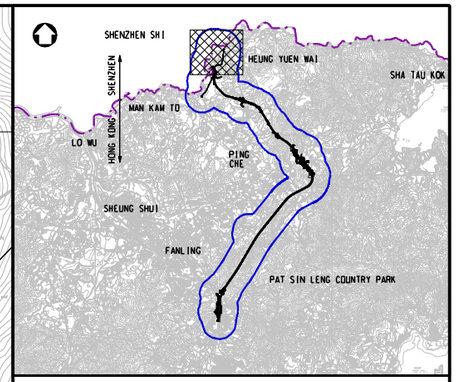

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 1 OF 4)

Designed	HC	Eng.Chk.	EC
Drawn	MING	Coordination	EC
Dwg.Chk.	HC	Approved	HT

Scale at A1: 1:2500
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CAD file: j:\255228\report\env\eia\10115\FIG 3-14.1.dgn
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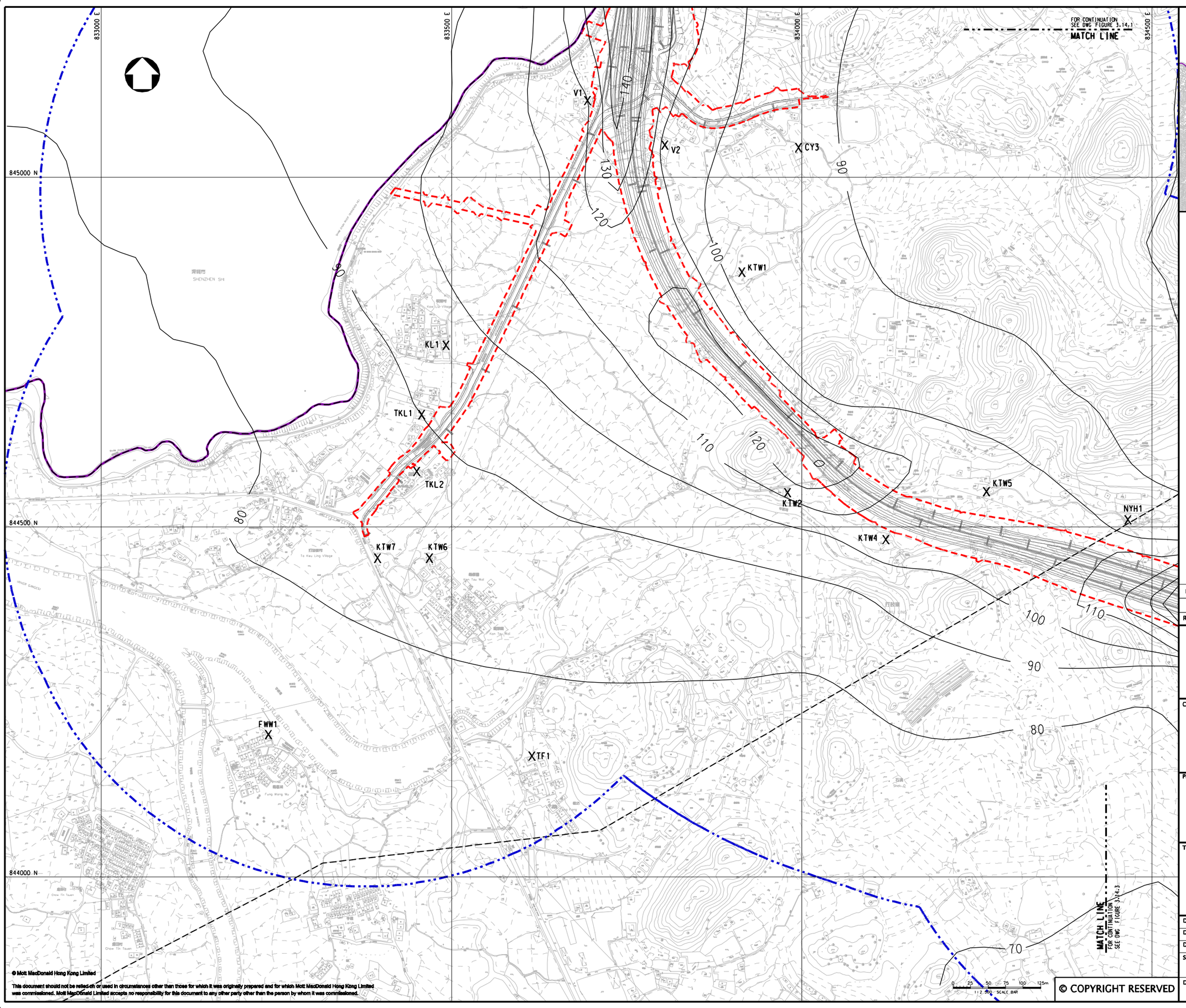

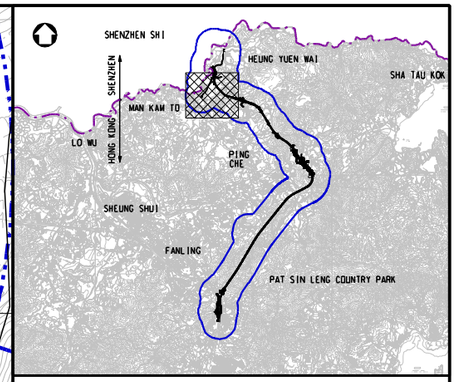

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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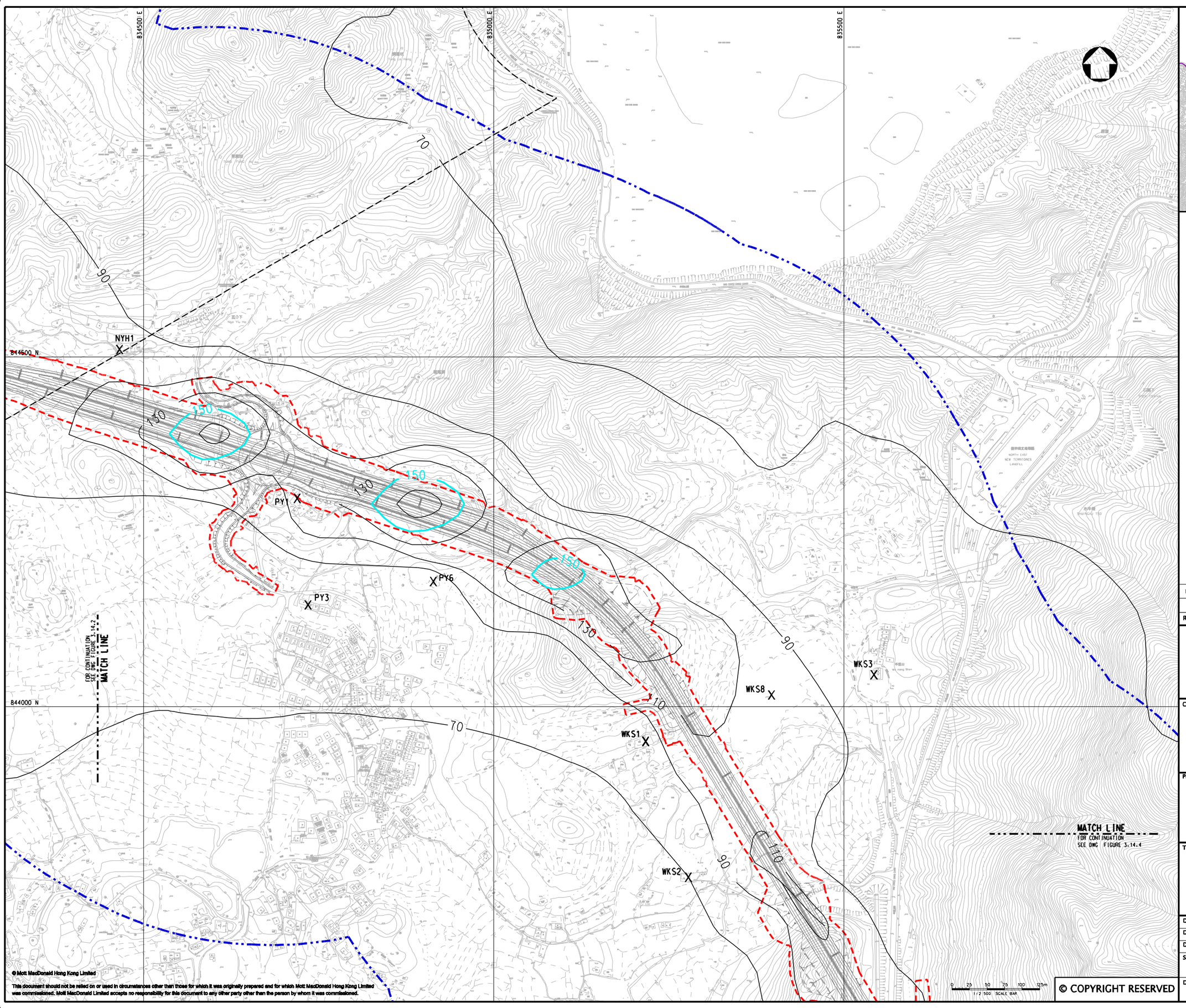

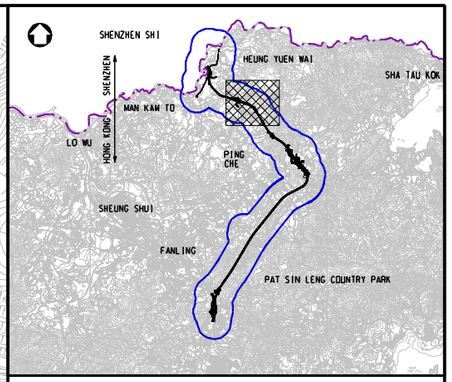

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOO CRITERIA.
- AOO CRITERIA

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Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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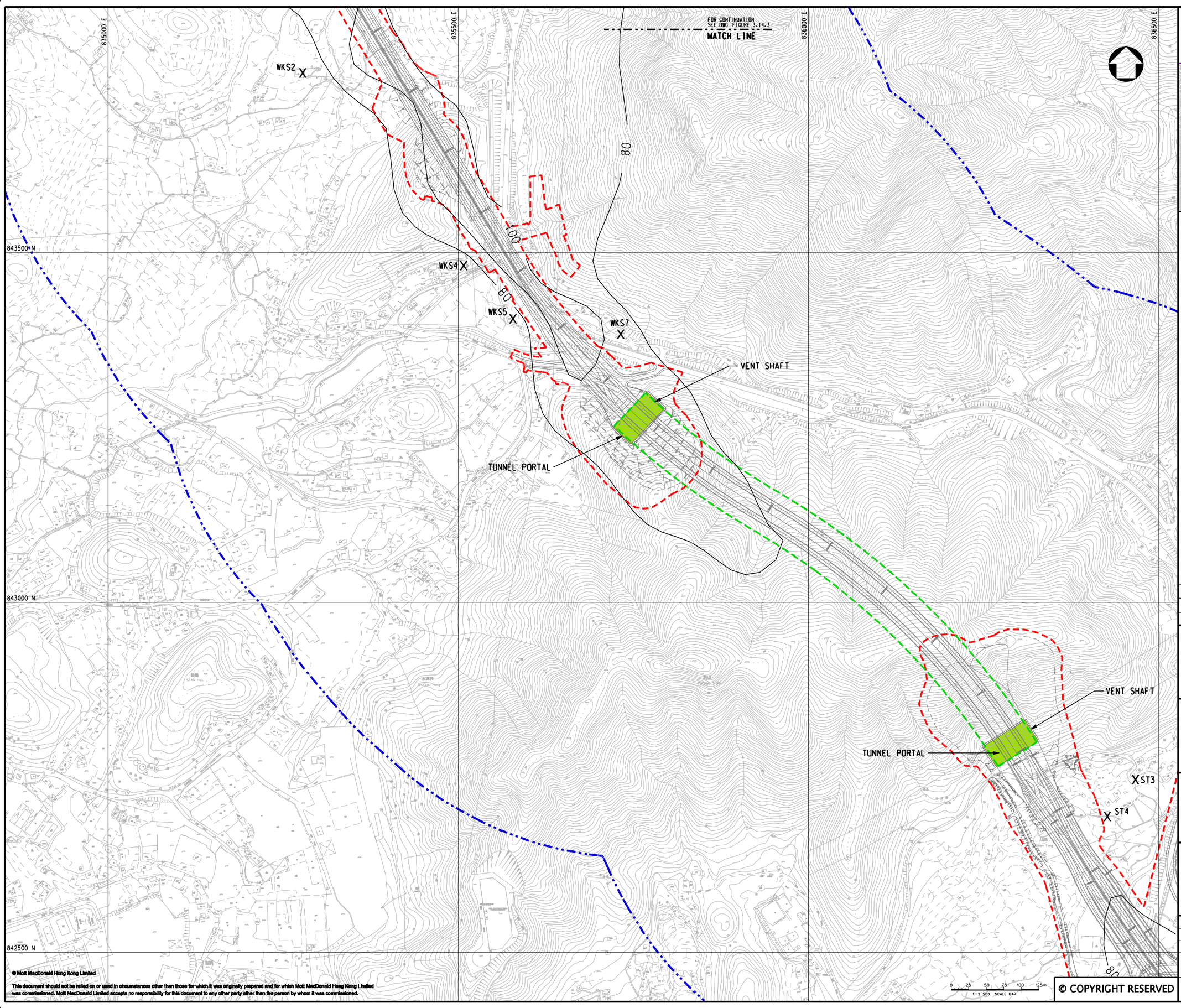

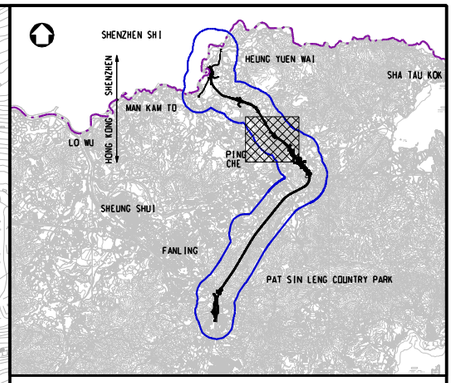

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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CEDD
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)
(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\0815\FIG 3-14.4.dgn
Status: PRE
Drawing No: FIGURE 3.14.4
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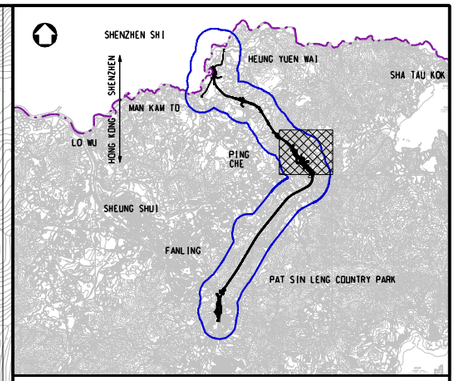
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N
80
70
VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
PROPOSED AREA FOR
ADMINISTRATION BUILDING
TTW1
TTW2
TTW3
LT1
LT2
MATCH LINE
FOR CONTINUATION
SEE DWG. FIGURE 3.14.6
0 25 50 75 100 125m
1:2,500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS F)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: J:\255228\report\env\eia\DIR5\FIG 3-14.5.dgn
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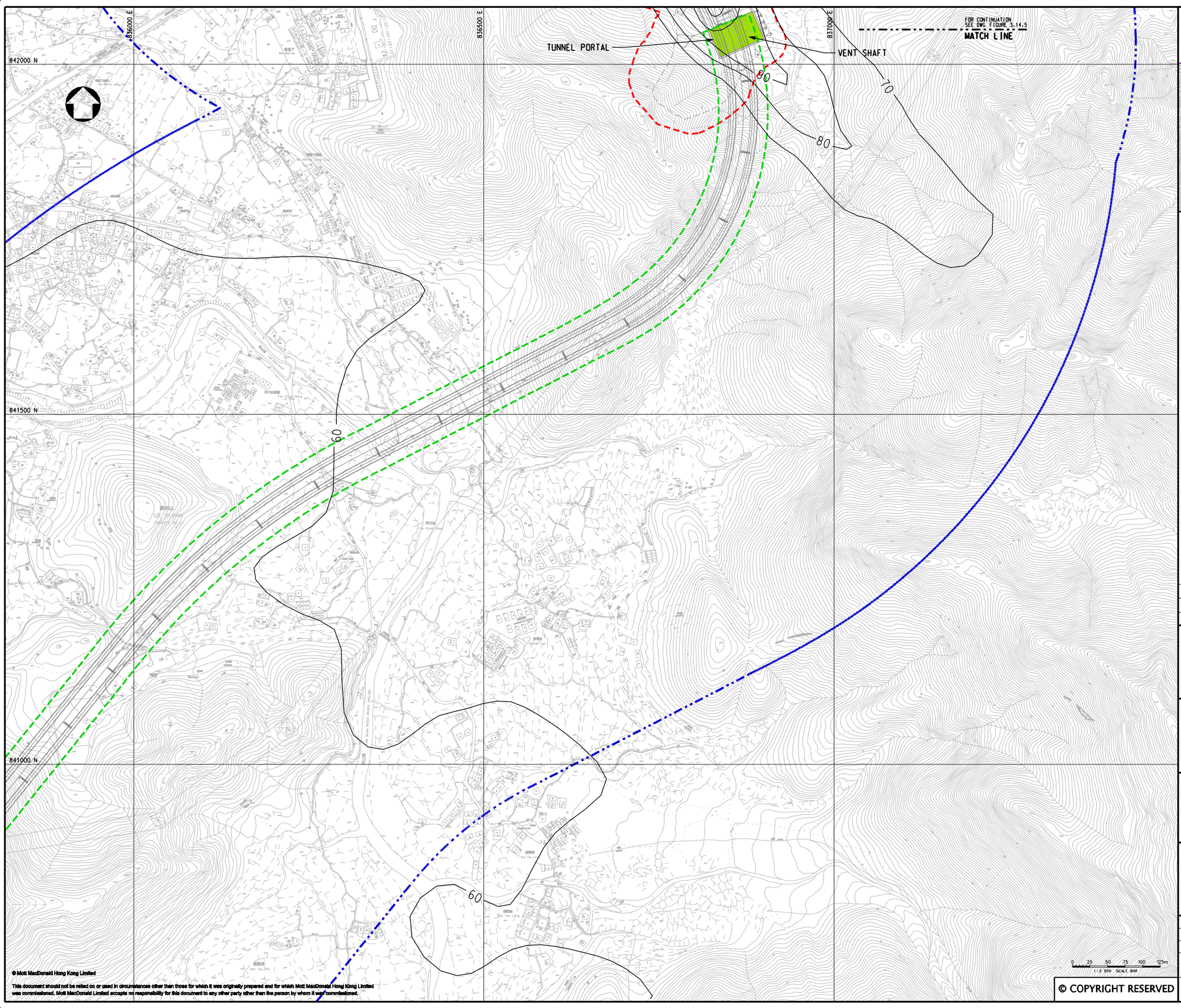

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KEY PLAN

SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

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Project

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS F)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500

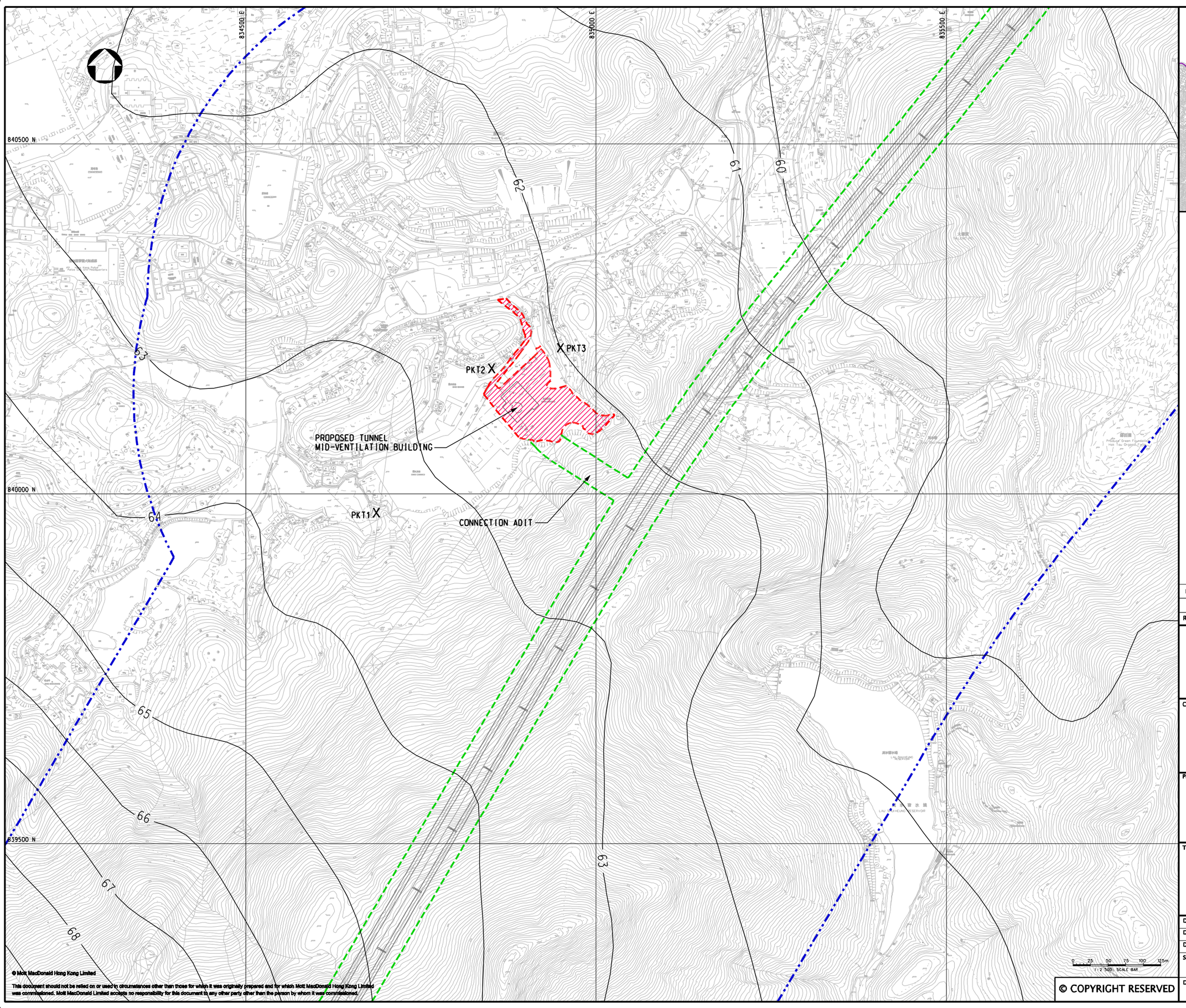
Project: 255228

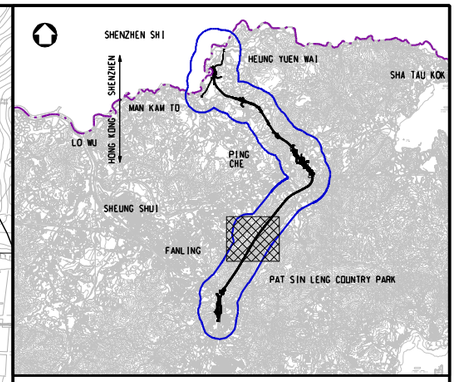
CAD file: j:\255228\report\env\eia\0815\FIG 3-14.6.dgn

Status: PRE

Drawing No: FIGURE 3.14.6

Rev: P2





KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY
CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI (STABILITY CLASS F)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\eio\DIR5\FIG 3-14.7.dgn			
Drawing No FIGURE 3.14.7					Rev P2

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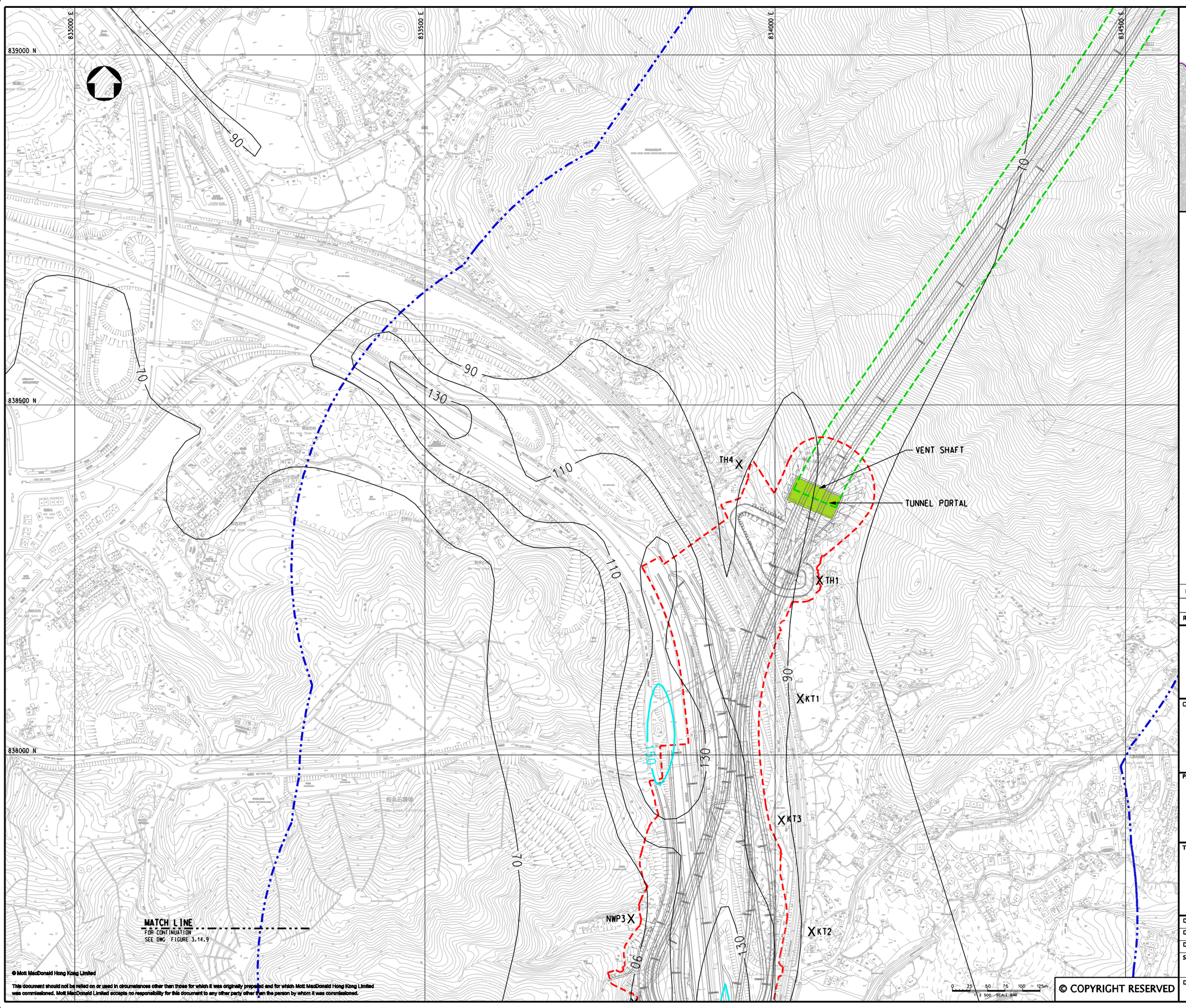

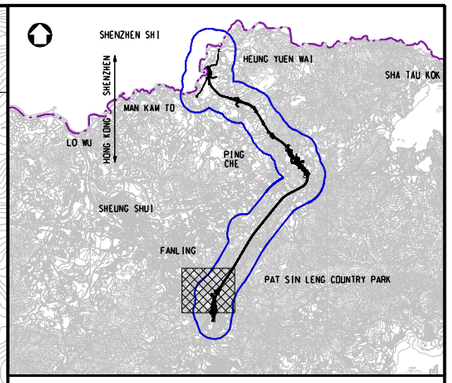

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS F)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\eia\0105\FIG 3-14.8.dgn			
Drawing No FIGURE 3.14.8					Rev P2

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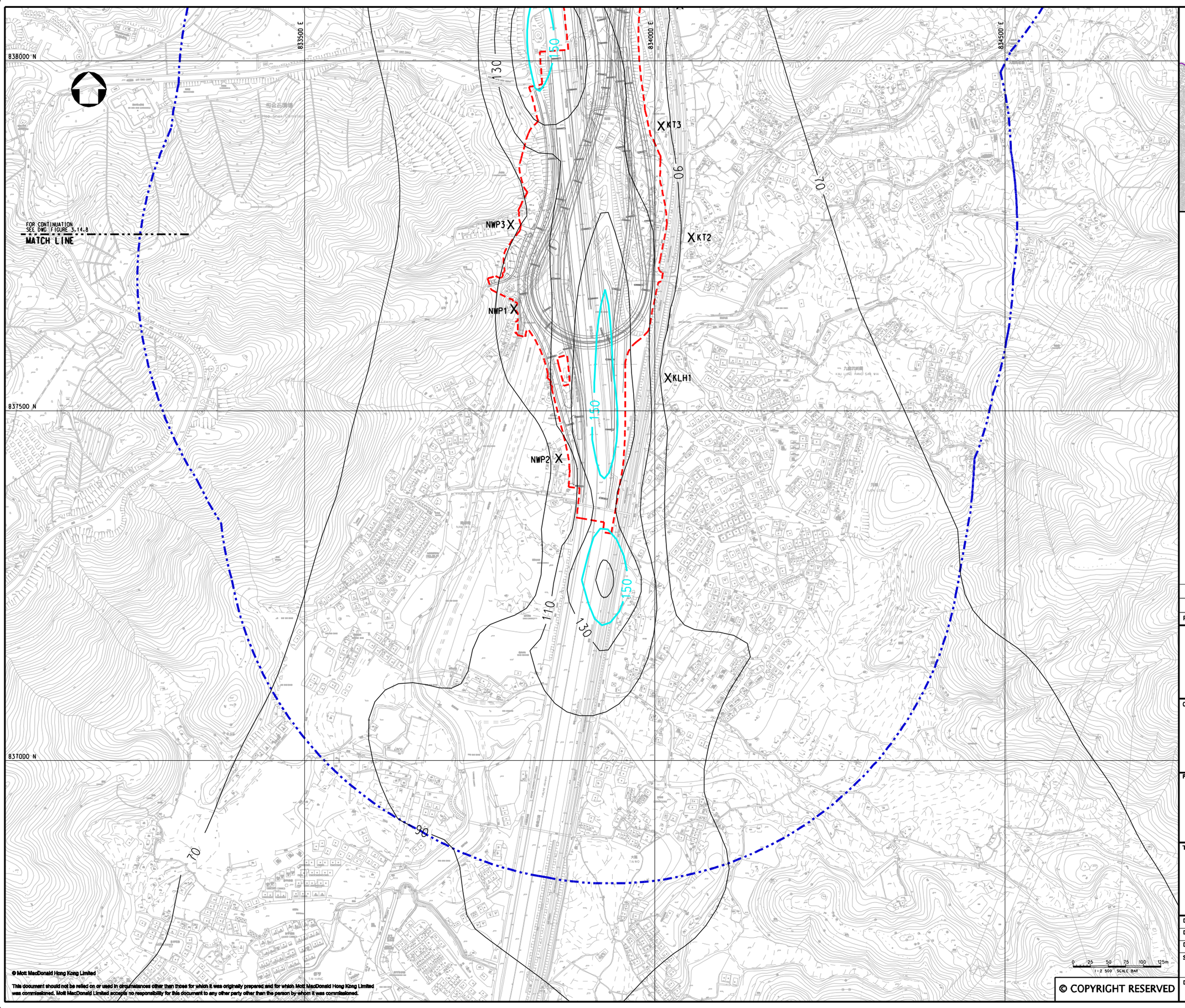

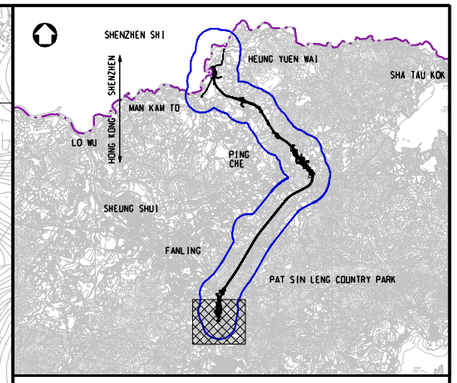

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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Title

CUMULATIVE RESULT - CONTOUR OF DAILY NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS F)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
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Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\elo\DIMS\FIG 3-14.9.dgn			
Drawing No FIGURE 3.14.9					Rev P2

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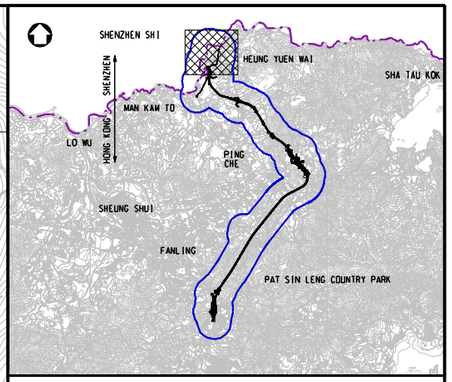
833500 E
834000 E
834500 E
846500 N
846000 N
845500 N
SHENZHEN BCP
SEWAGE TREATMENT FACILITY
BDG1
TYHP
TYH
60
65
75
70
深圳市
SHENZHEN SHI
MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.15.2
1:2 500 / SCALE BAR
0 25 50 75 100 125m



KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)
(SHEET 1 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

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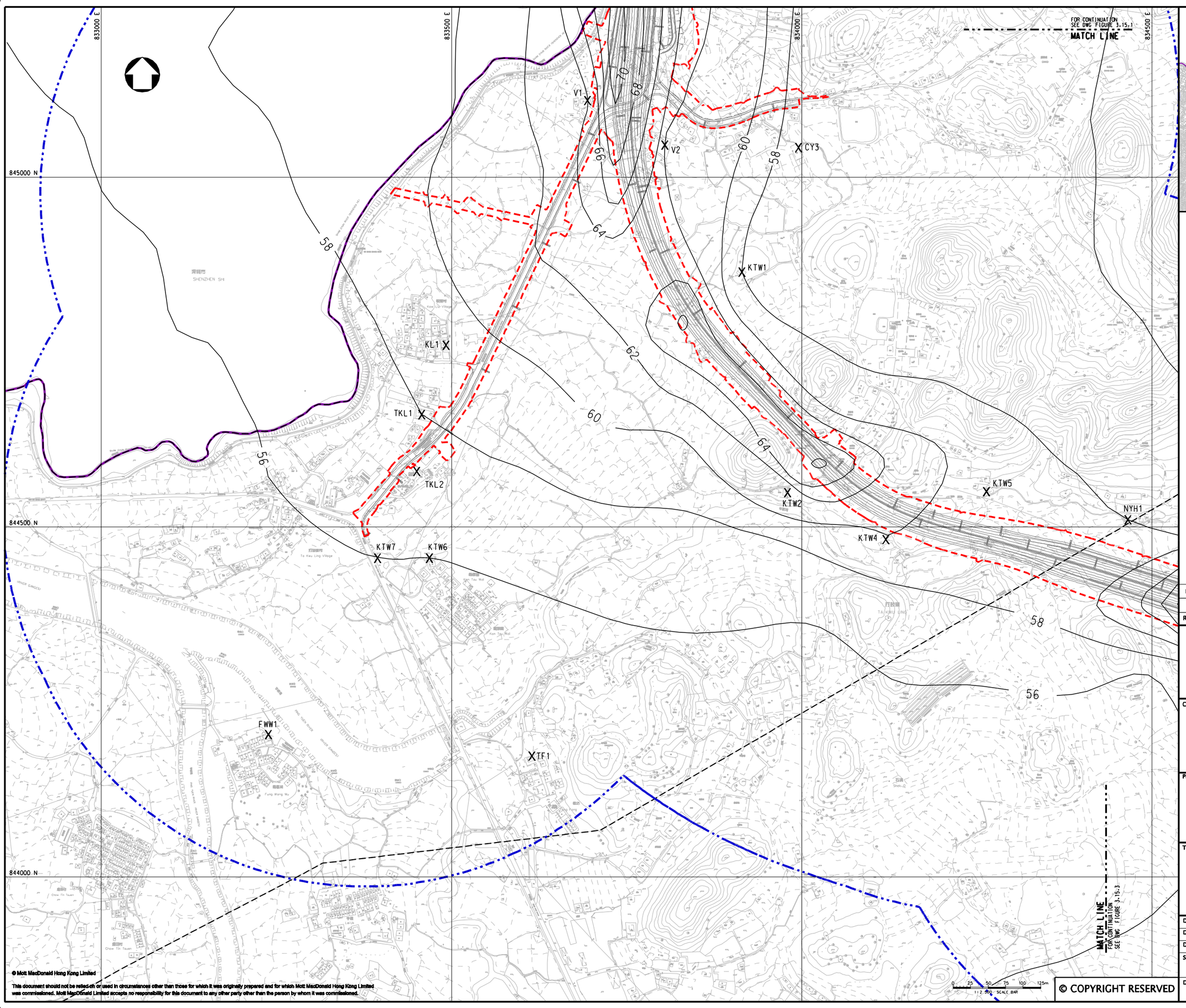

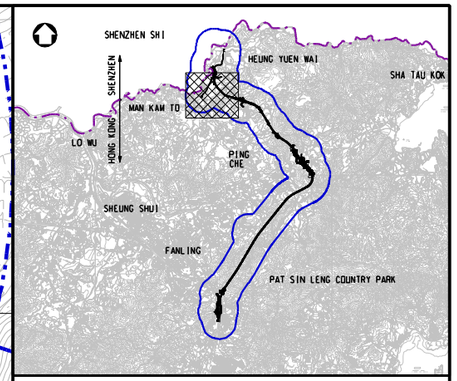

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
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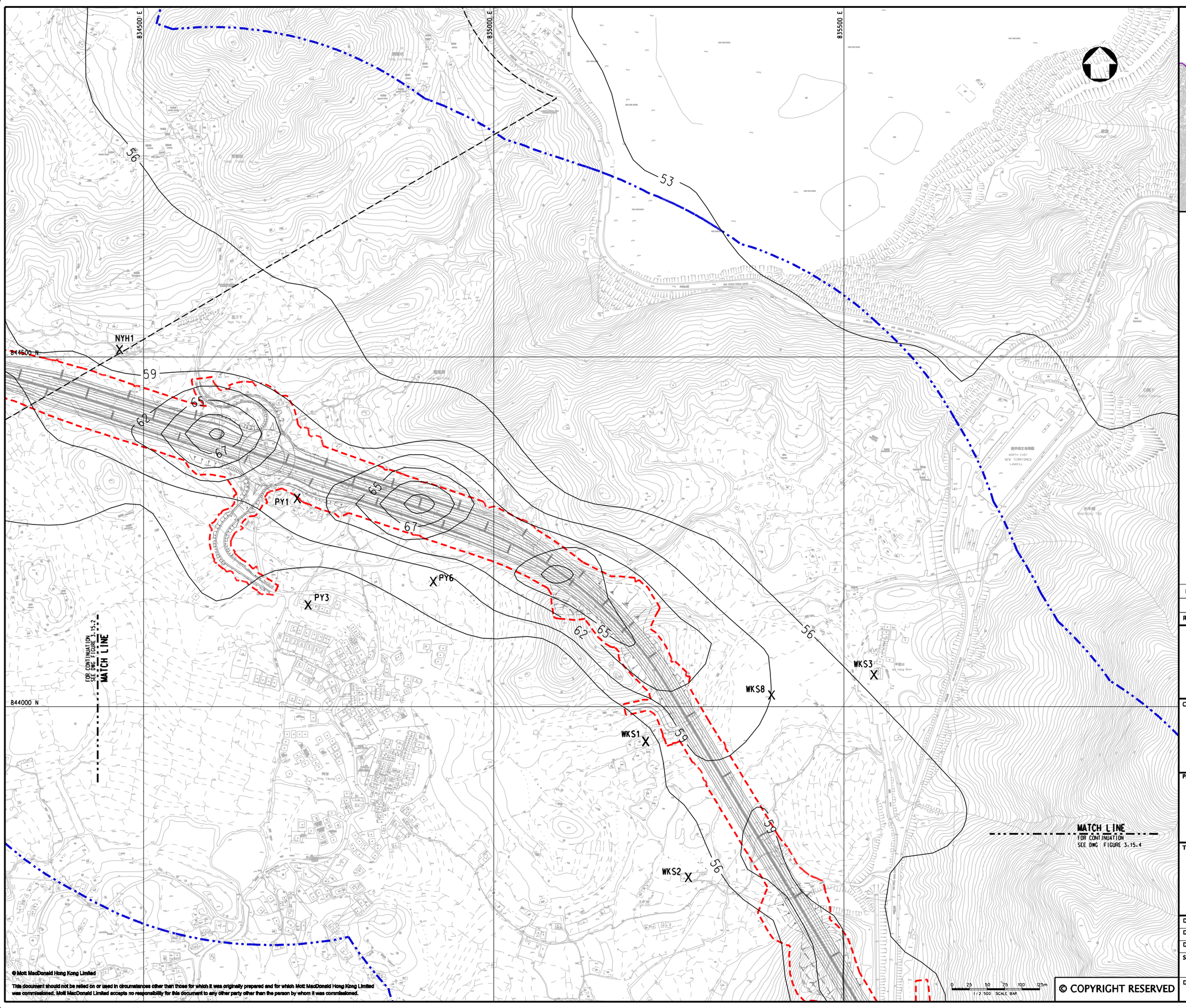

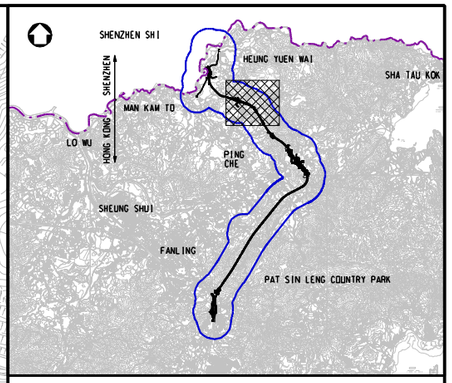

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

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1:2500	CAD file j:\255228\report\env\eia\DIR5\FIG 3-15.3.dgn	PRE
Drawing No FIGURE 3.15.3		Rev P2

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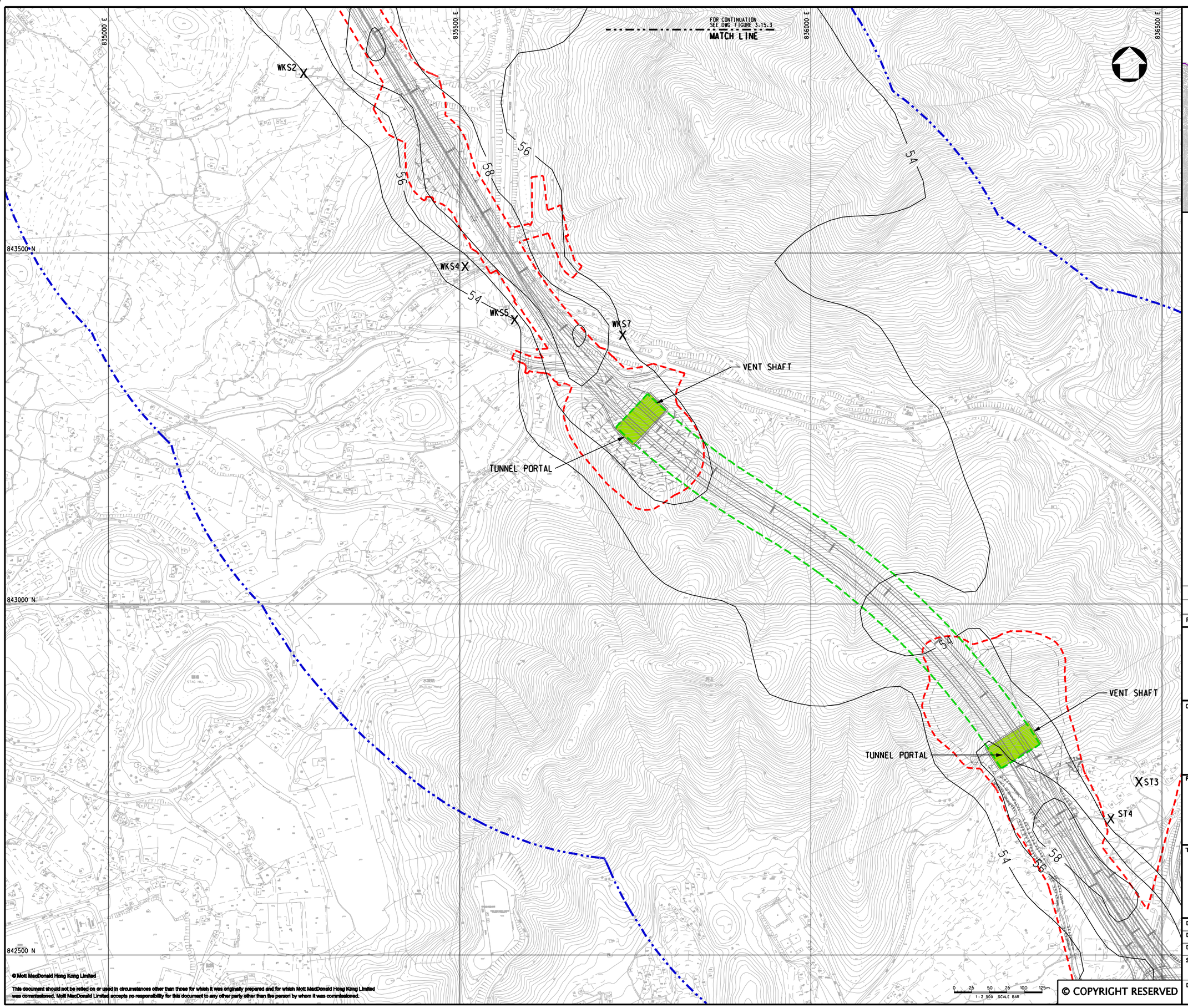

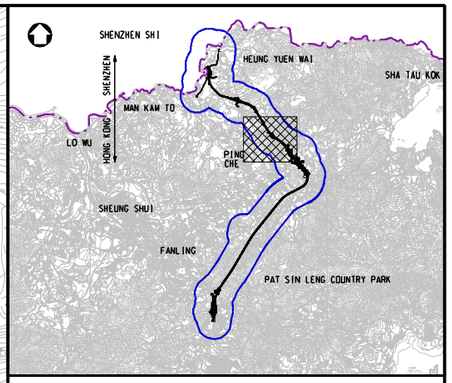

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION (STABILITY CLASS F)

(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
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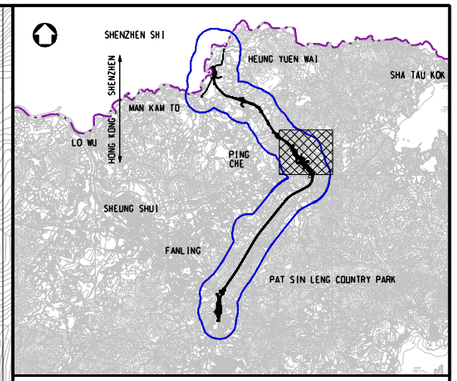
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N
54
58
56
VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
TTW1
TTW2
TTW3
LT1
LT2
PROPOSED AREA FOR ADMINISTRATION BUILDING
MATCH LINE
FOR CONTINUATION
SEE DWG. FIGURE 3.15.6
0 25 50 75 100 125m
1:2500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS F)
(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1 1:2500
Project 255228
CAD file j:\255228\report\env\eia\OIR5\FIG 3-15.5.dgn
Status PRE
Drawing No FIGURE 3.15.5
Rev P2

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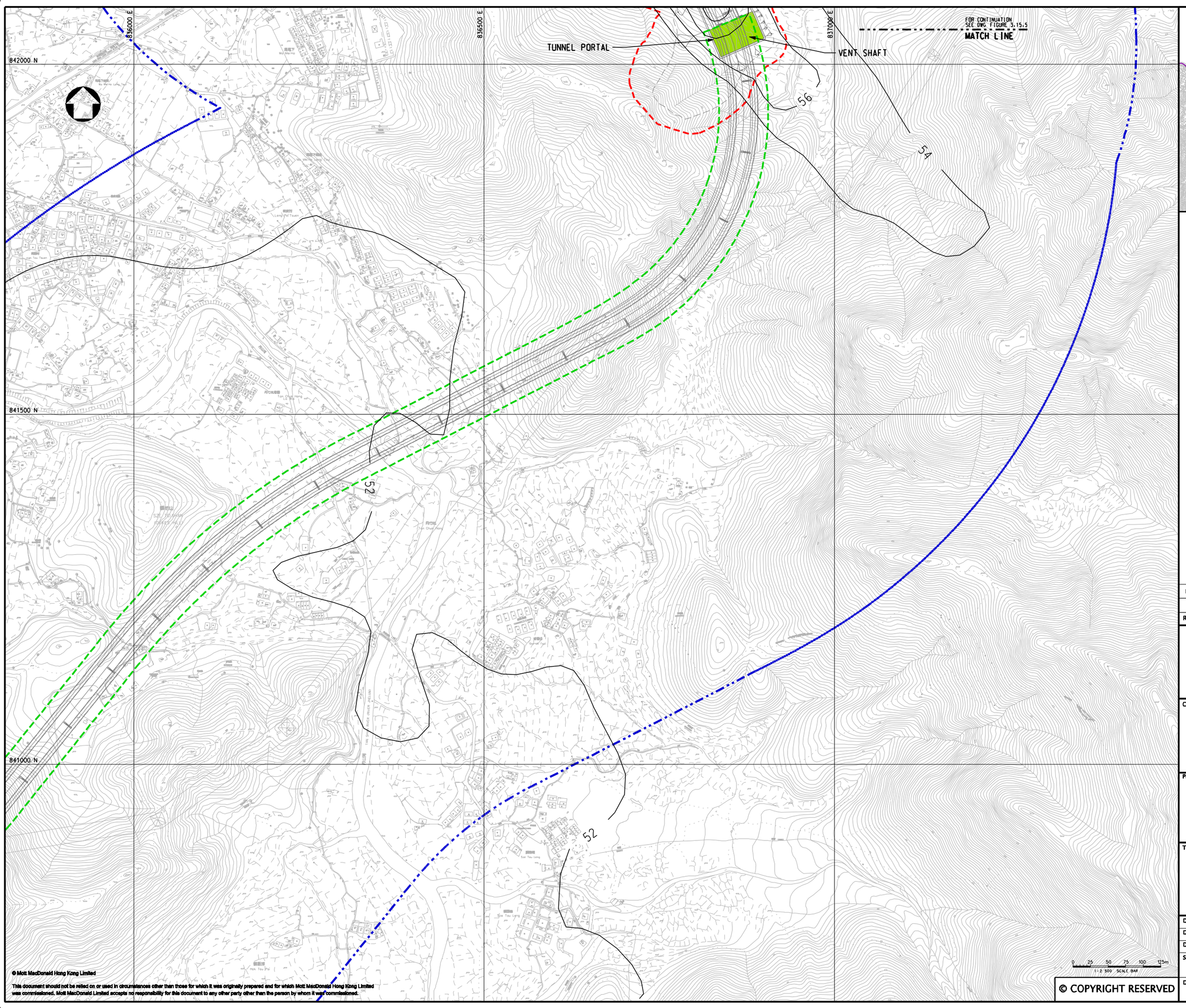

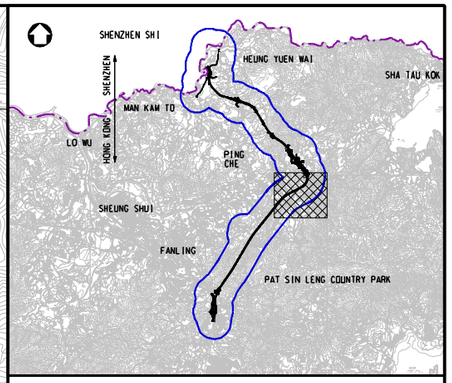

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

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P2	NOV 10	MMH	GENERAL REVISION	DC	HT
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Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG (STABILITY CLASS F)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\DIR5\FIG 3-15.6.dgn		
Drawing No	FIGURE 3.15.6				Rev P2

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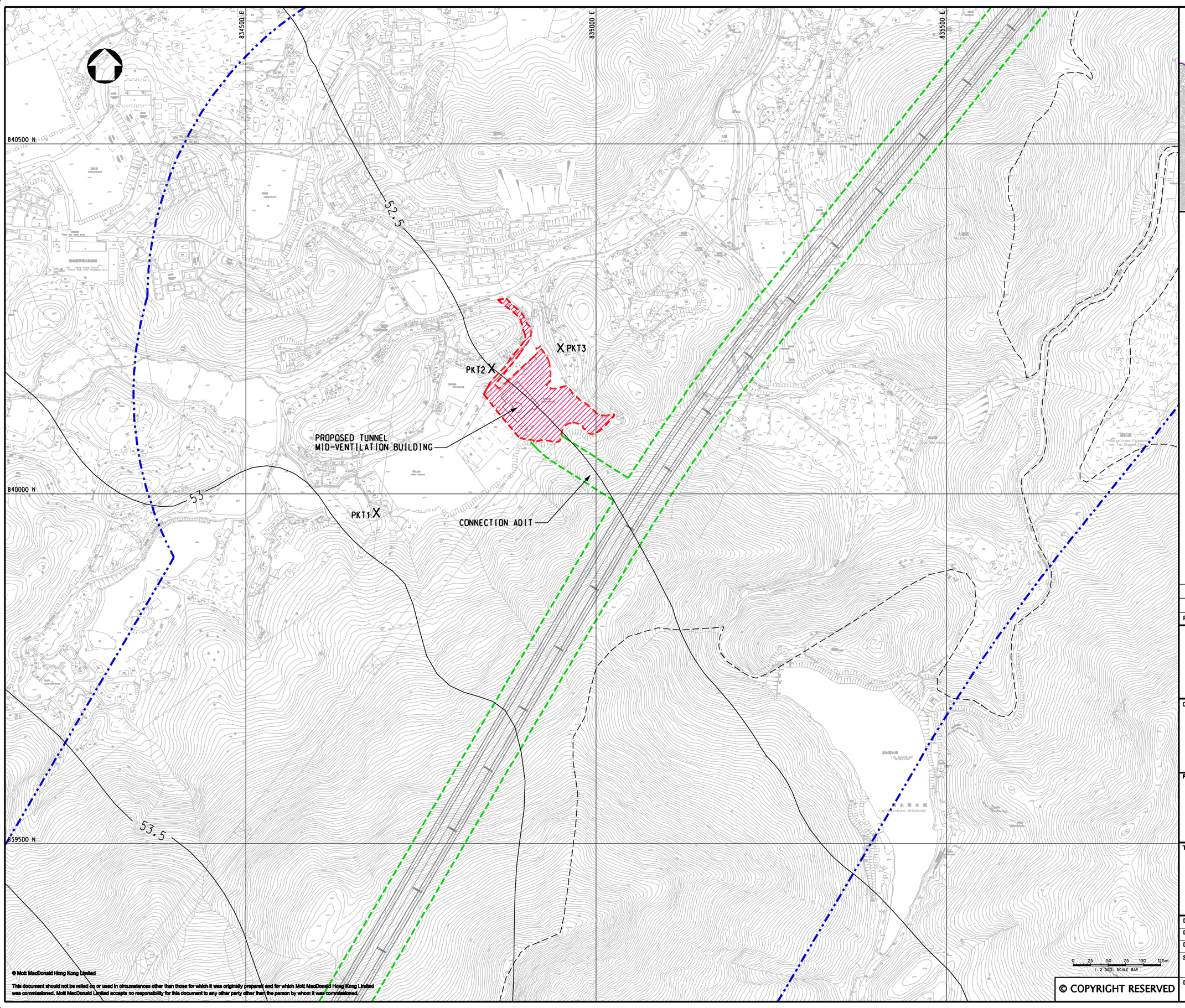

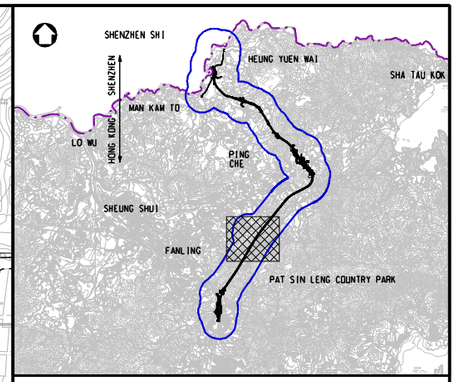

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY
CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI (STABILITY CLASS F)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\eio\DIR5\FIG 3-15.7.dgn			
Drawing No FIGURE 3.15.7					Rev P2

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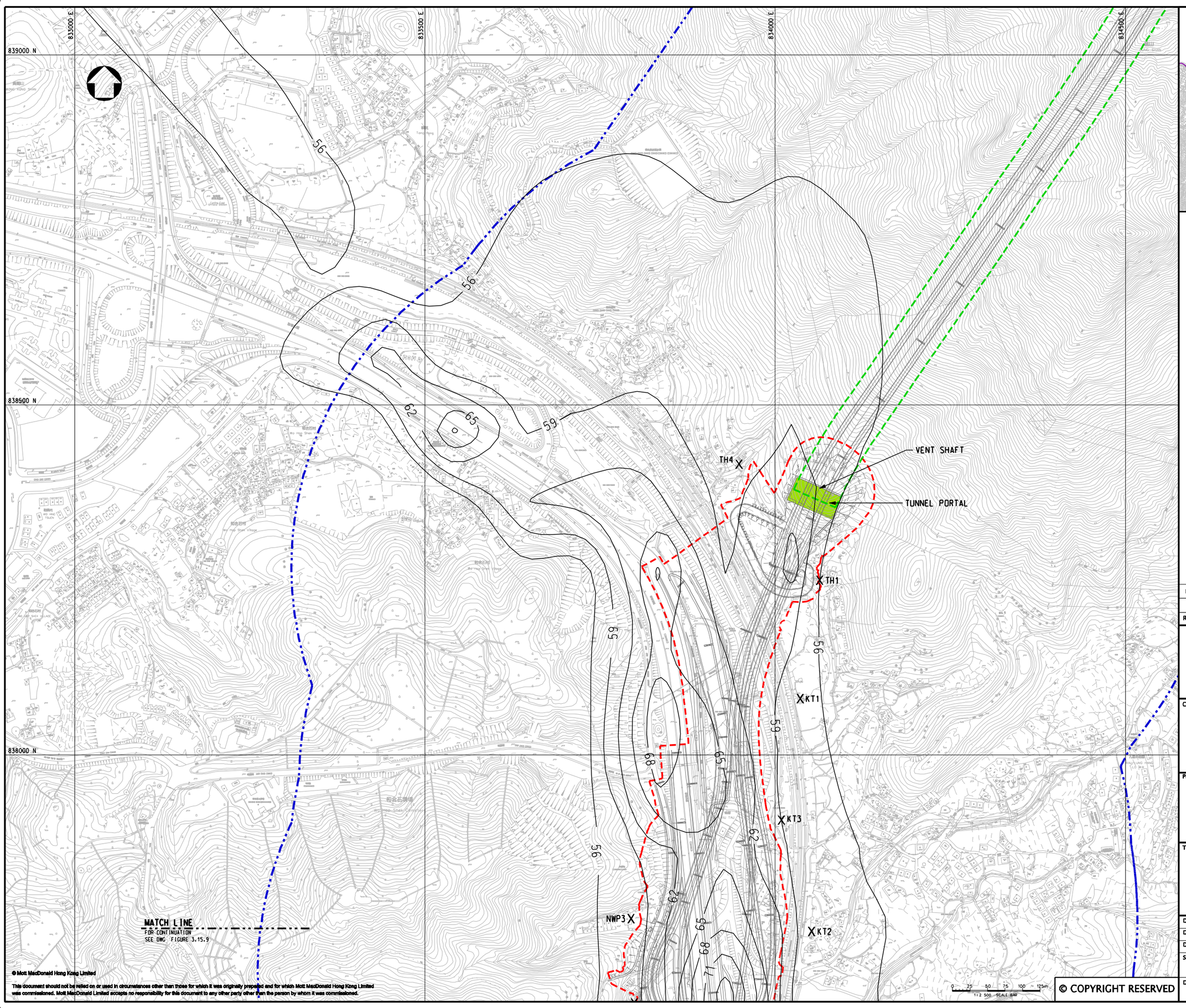

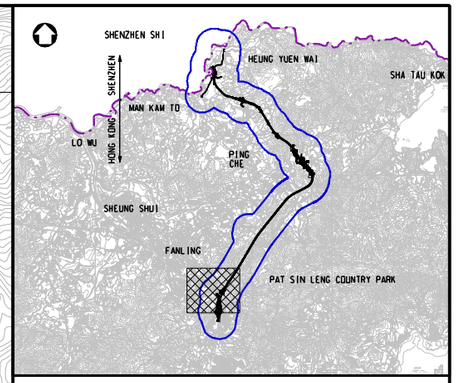

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS F)

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\0105\FIG 3-15.8.dgn		
Drawing No	FIGURE 3.15.8				Rev P2

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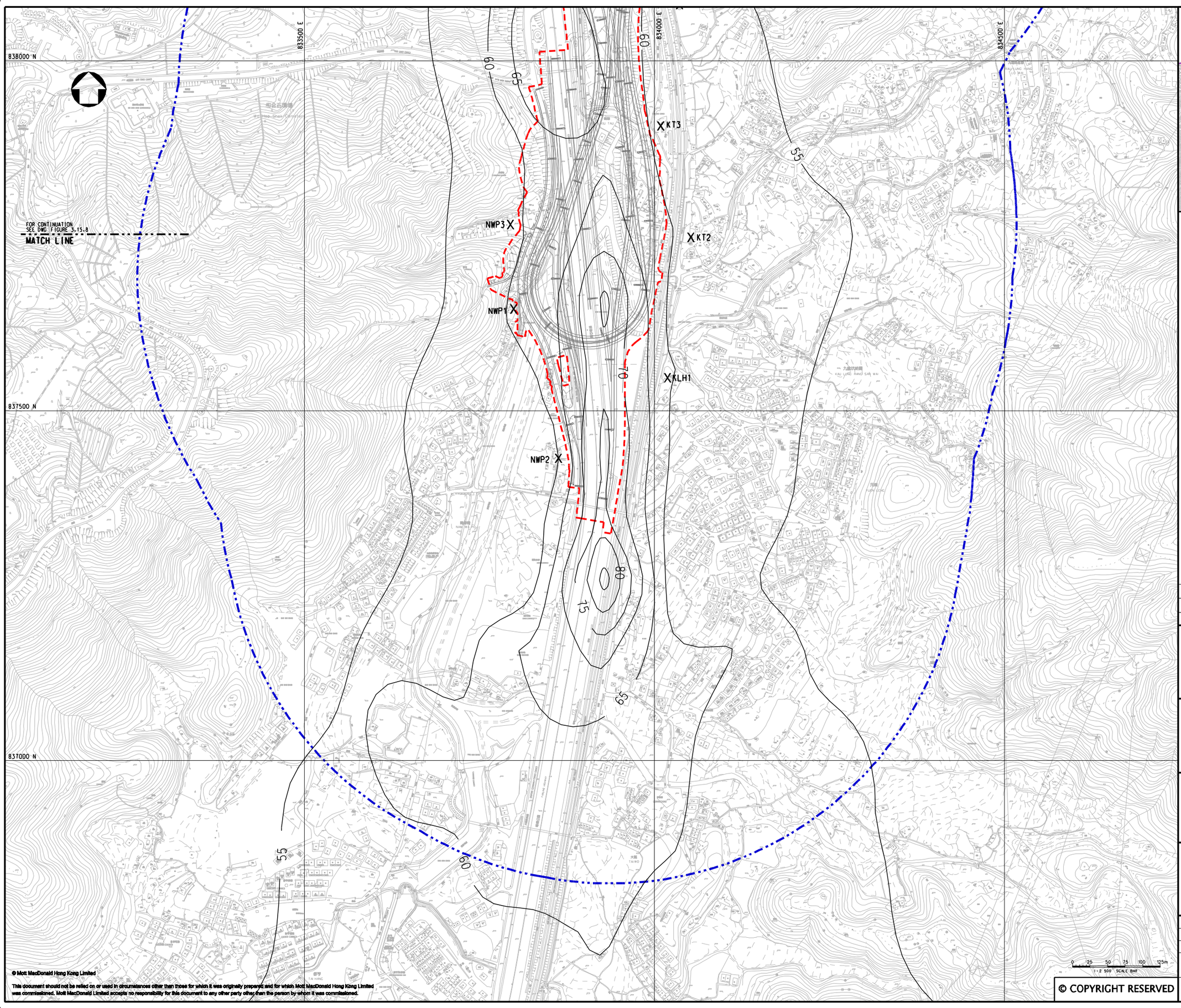

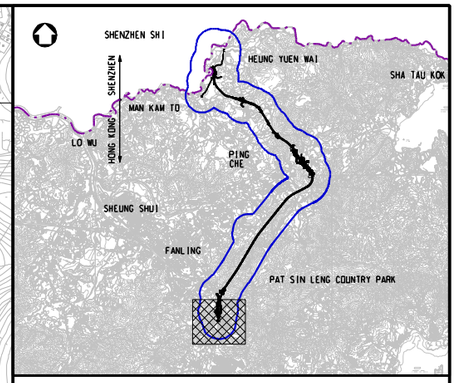

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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CUMULATIVE RESULT - CONTOUR OF DAILY RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING (STABILITY CLASS F)

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\0815\FIG 3-15.9.dgn
Status: PRE
Drawing No: FIGURE 3.15.9
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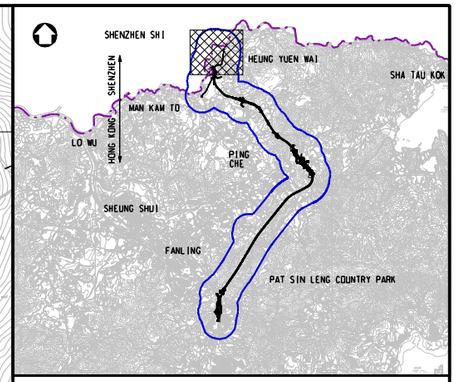
833500 E
834000 E
834500 E
846500 N
846000 N
845500 N
SHENZHEN BCP
SEWAGE TREATMENT FACILITY
BDG1
TYHP
TYH
55
60
65
70
75
80
深圳市
SHENZHEN SHI
MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.16.2
0 25 50 75 100 125m
1:2 500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION

(SHEET 1 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228	Status	PRE
		CAD file	j:\255228\report\env\eia\0l0208\FIG 3-16J.dgn		
Drawing No	FIGURE 3.16.1			Rev	P2

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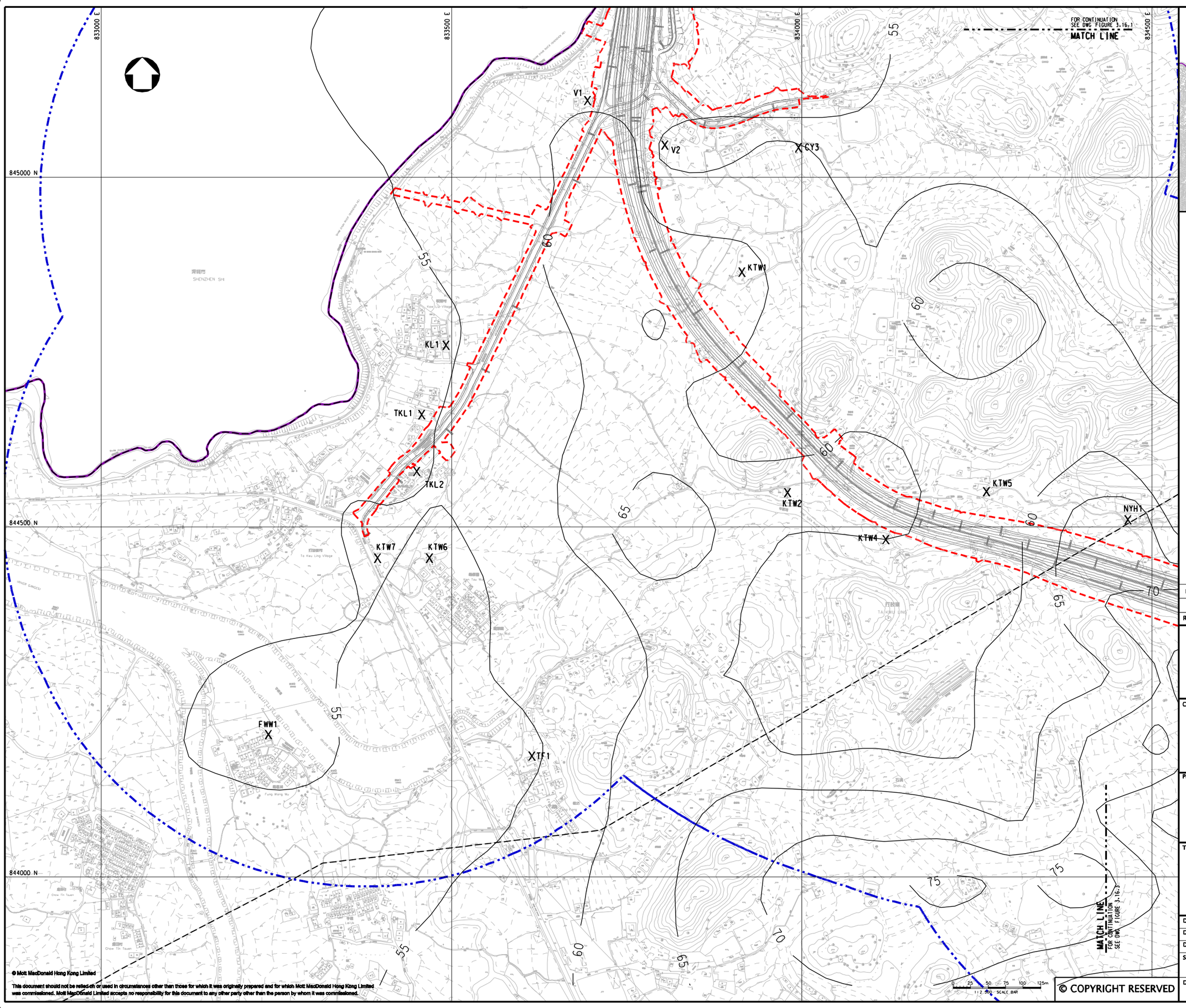

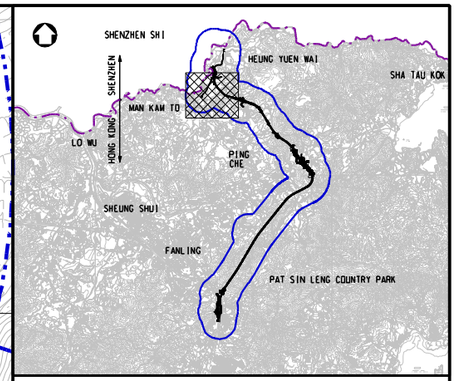

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\101208\FIG 3-16.2.dgn
Status: PRE
Drawing No: FIGURE 3.16.2
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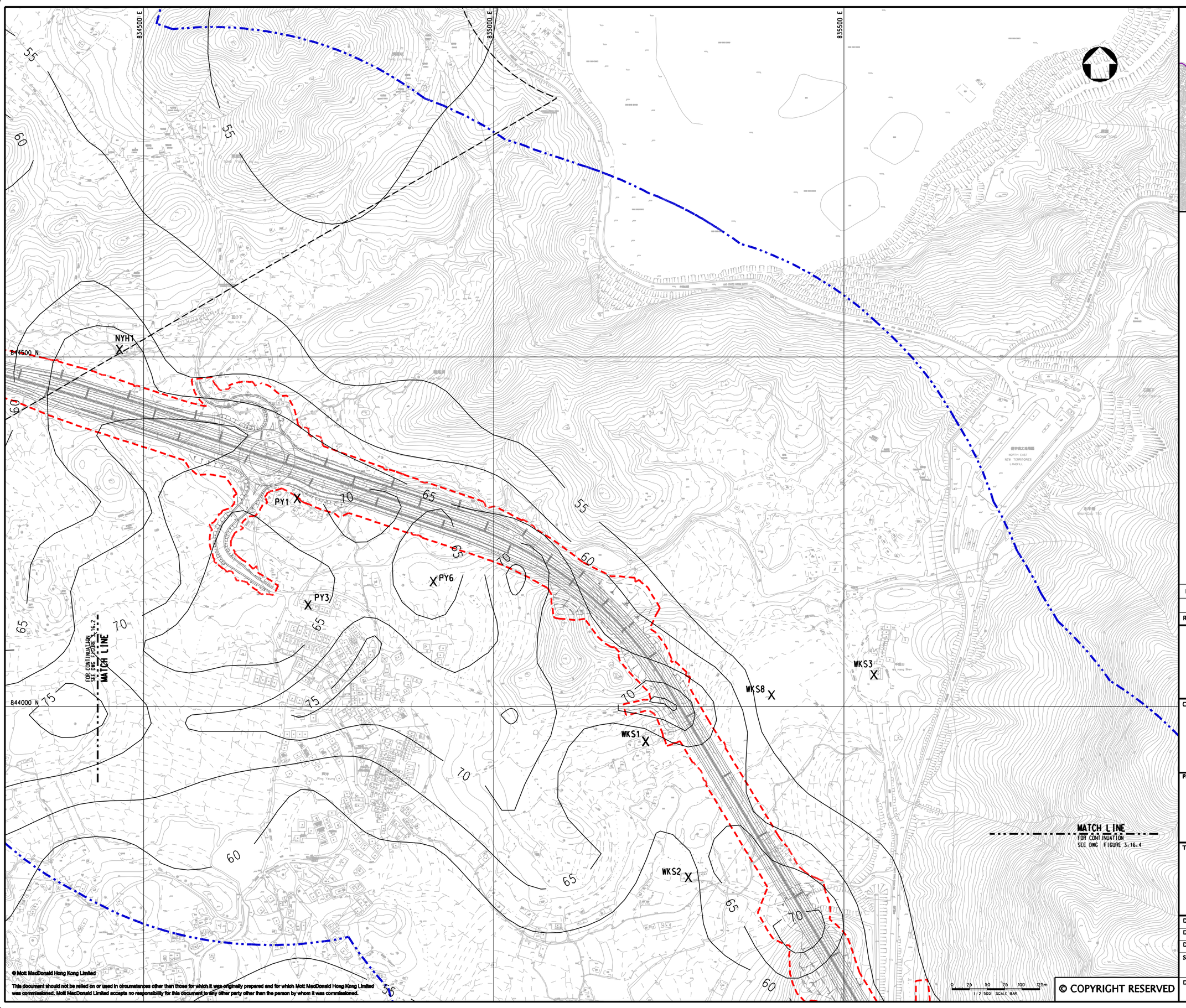

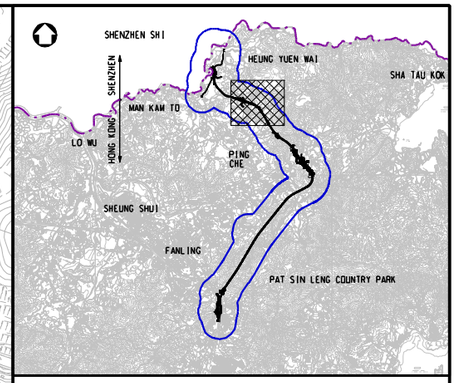

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1 1:2500	Project 255228	Status PRE
	CAD file j:\255228\report\env\eia\01208\FIG 3-16.3.dgn	
Drawing No FIGURE 3.16.3		Rev P2

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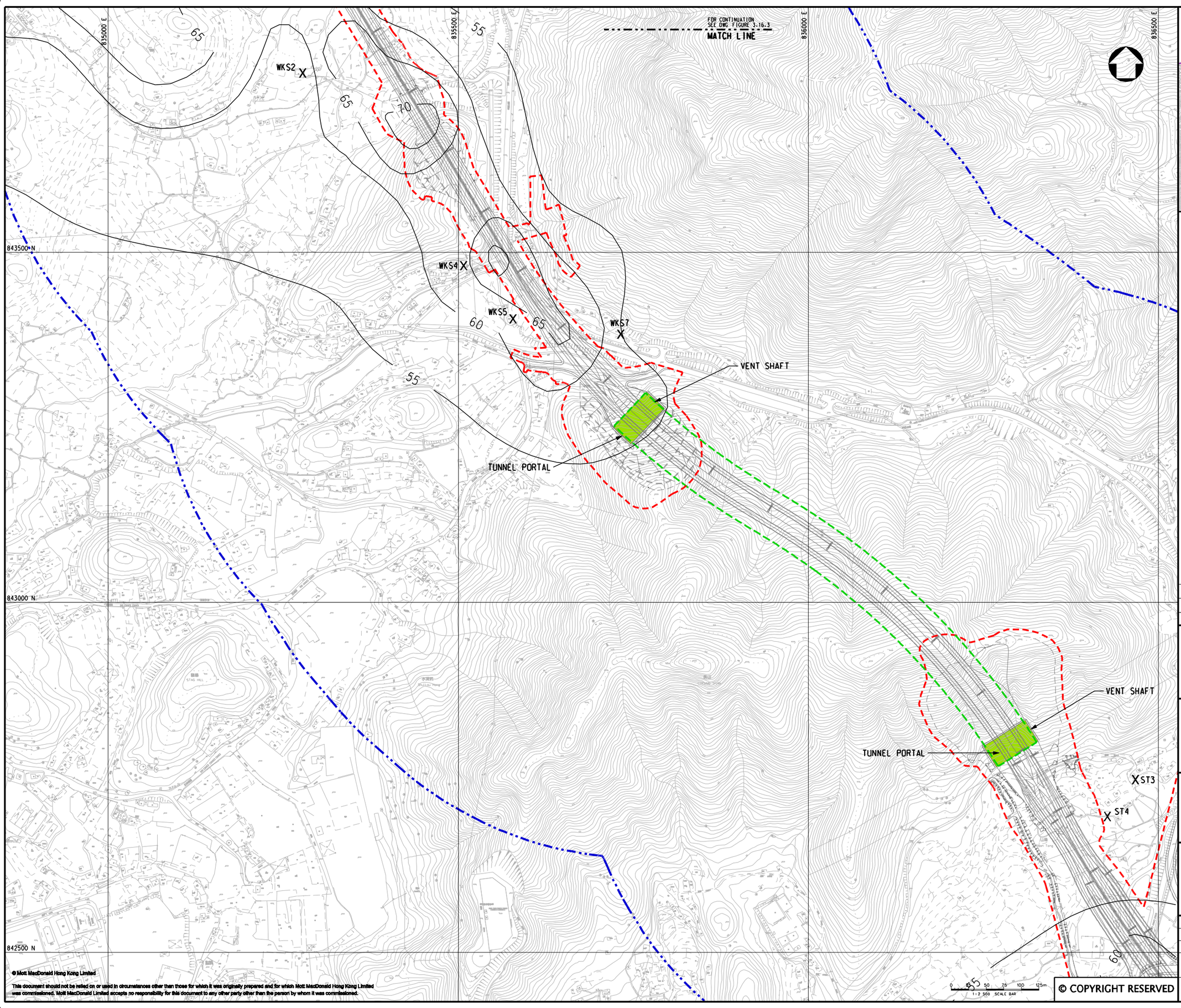

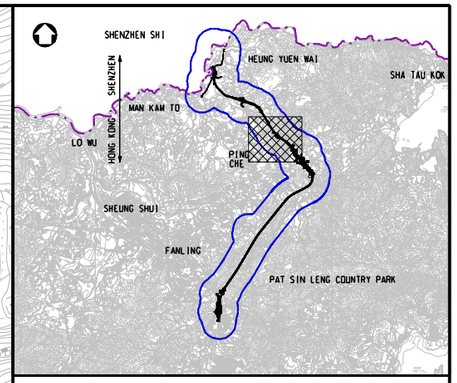

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION

(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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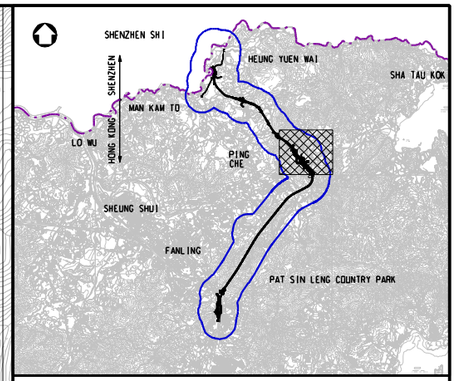
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N

VENT SHAFT
TUNNEL PORTAL
ST1
ST2
ST3
ST4
PROPOSED AREA FOR ADMINISTRATION BUILDING
TTW1
TTW2
TTW3
LT1
LT2
55
60
65
70
75

MATCH LINE
FOR CONTINUATION
SEE DWG FIGURE 3.16.6

0 25 50 75 100 125m
1:2500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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Title
CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: j:\255228\report\env\eia\01208\FIG 3-16.5.dgn
Drawing No: FIGURE 3.16.5
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836000 E

836500 E

837000 E

842000 N

841500 N

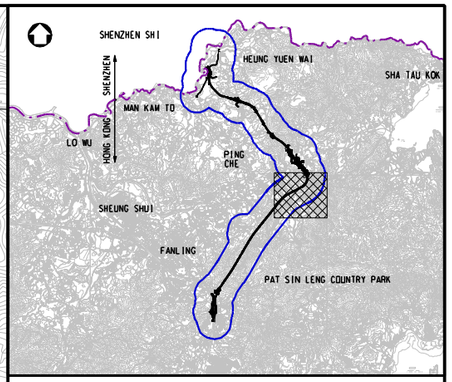
841000 N

TUNNEL PORTAL

VENT SHAFT

35

FOR CONTINUATION
SEE DWG FIGURE 3.16.5
MATCH LINE



KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

0 25 50 75 100 125m
1:2 500 SCALE BAR

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Project

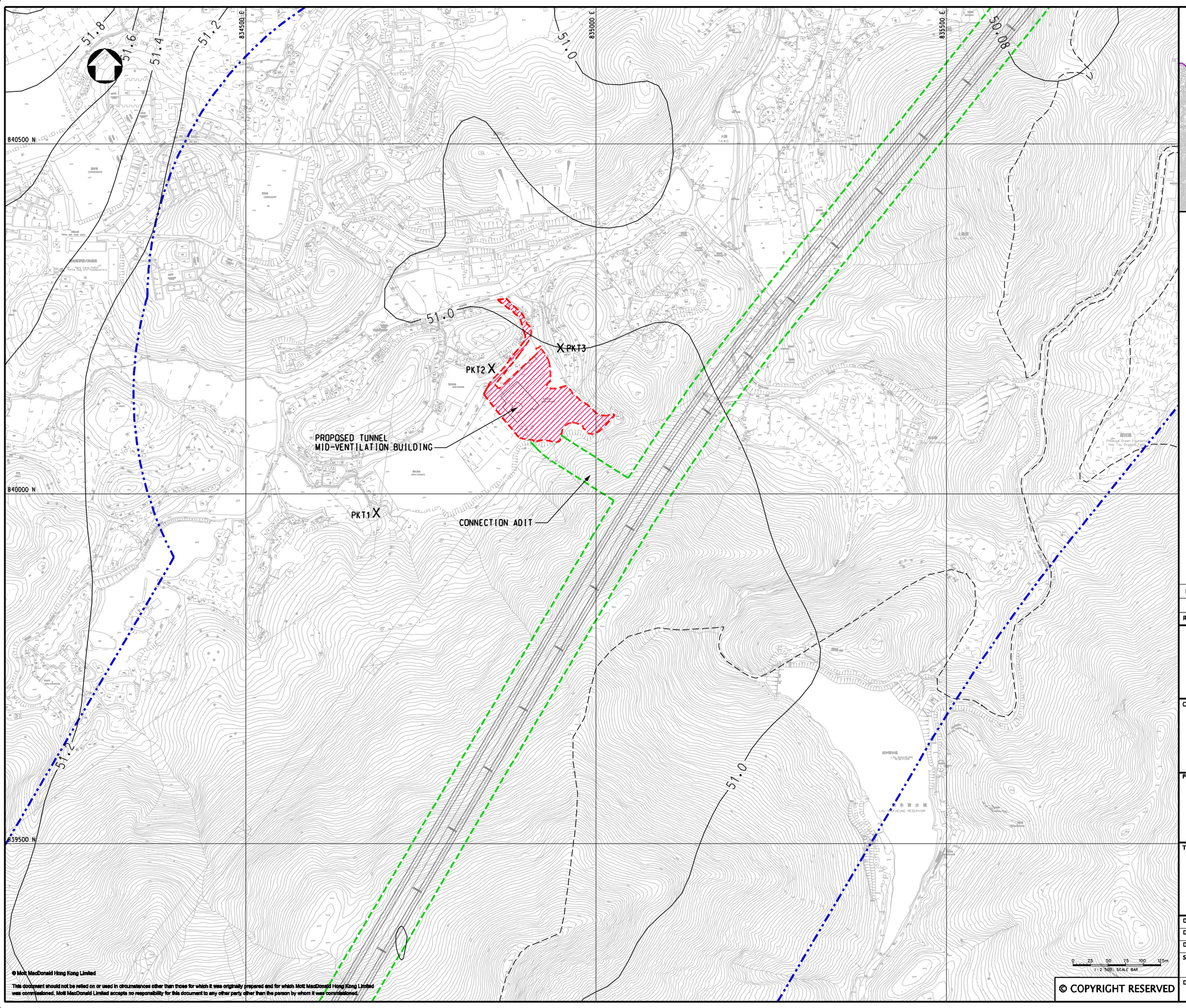
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

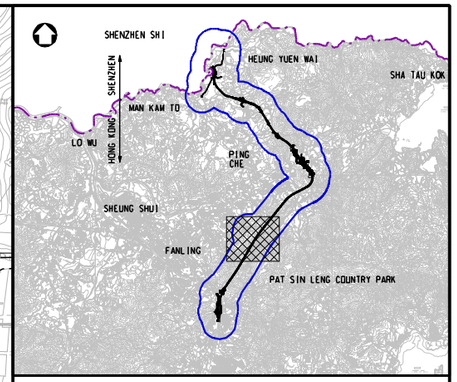
Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\01208\FIG 3-16.6.dgn		
Drawing No	FIGURE 3.16.6				Rev P2





KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED AREA FOR MID-VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOD CRITERIA.

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CEDD CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project

AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY
CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR PO KAK TSAI

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\01208\FIG 3-16.7.dgn		
Drawing No	FIGURE 3.16.7				Rev P2

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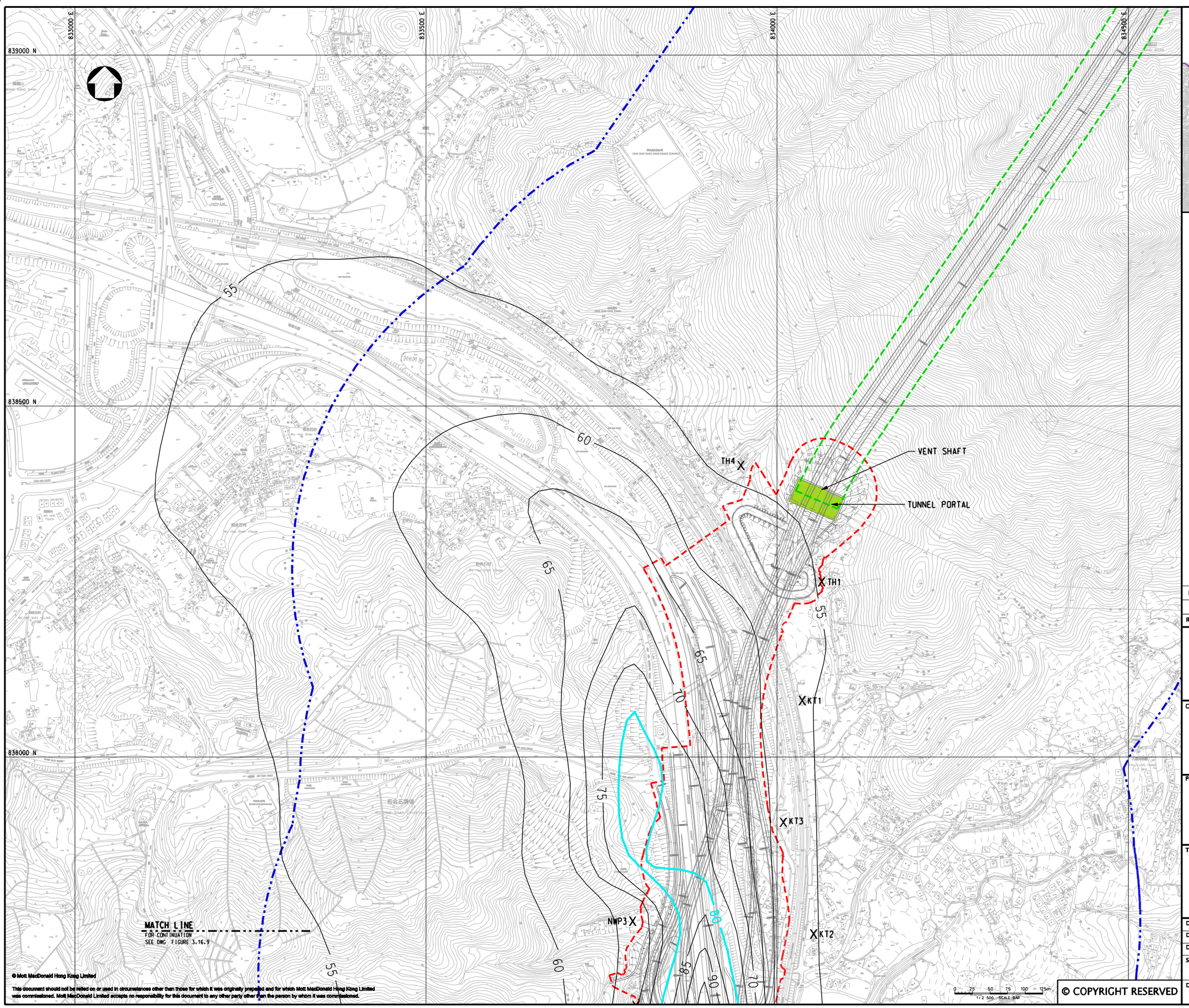

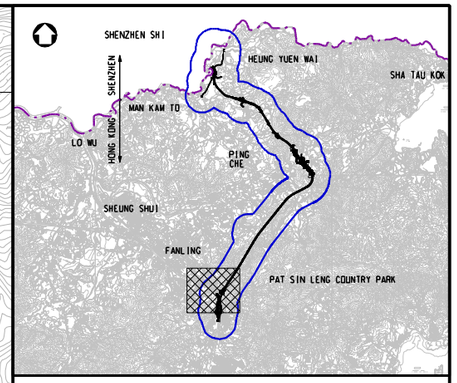

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\101208\FIG 3-16.8.dgn
Status: PRE
Drawing No: FIGURE 3.16.8
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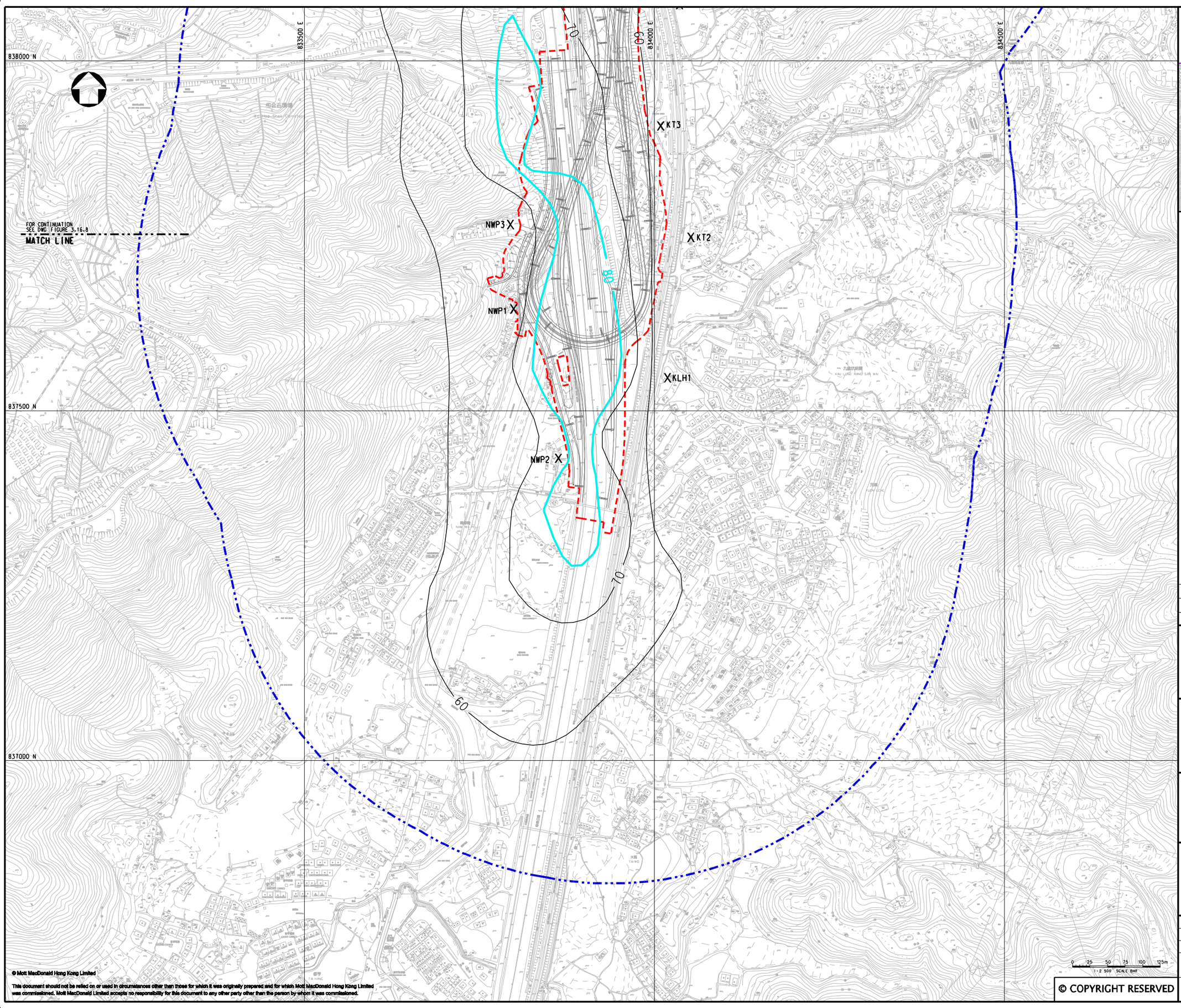

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X — AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY
CONTROL POINT AND ASSOCIATED WORKS

Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL NO_2 CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING

(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\101208\FIG 3-16.9.dgn
Status: PRE
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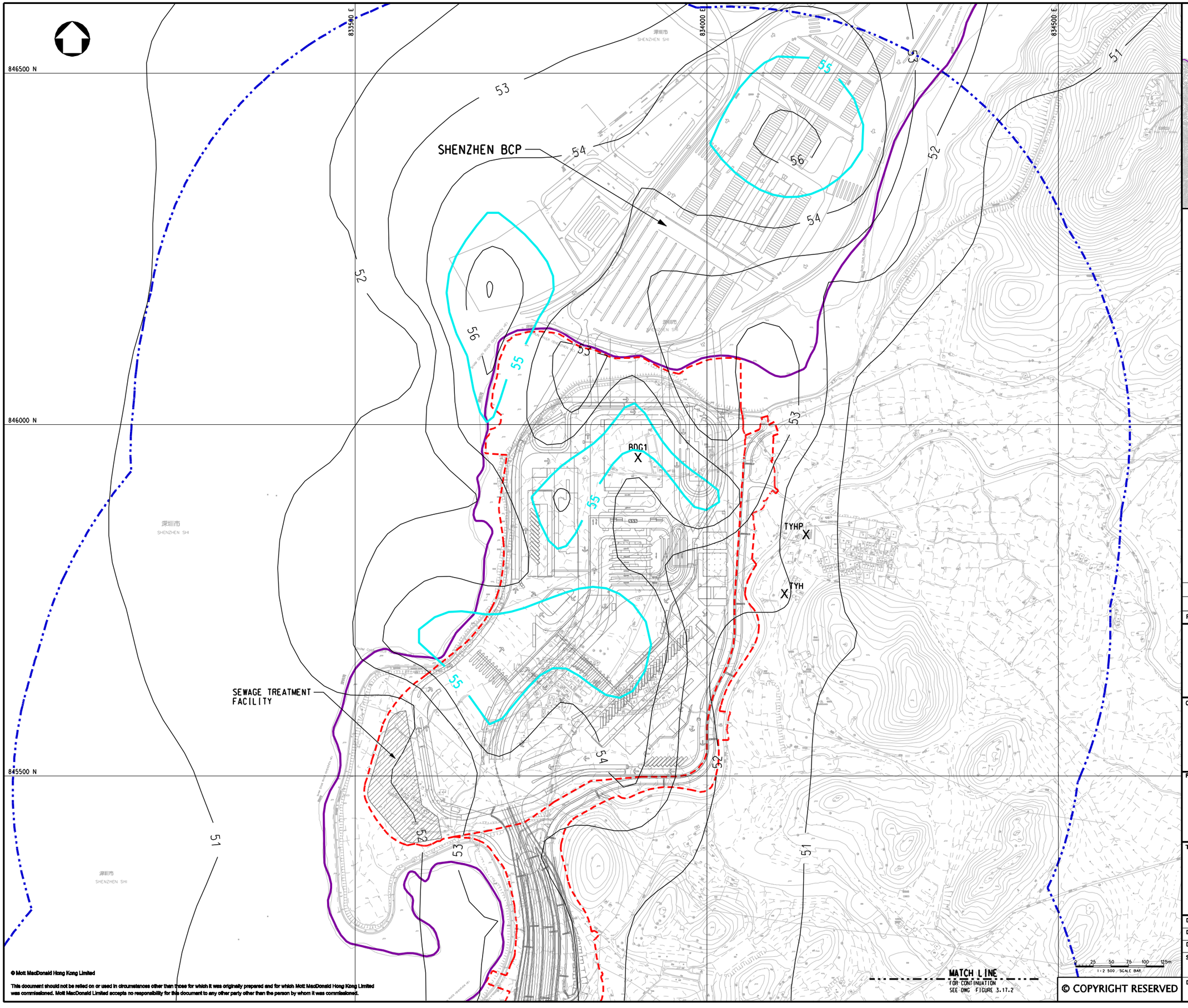

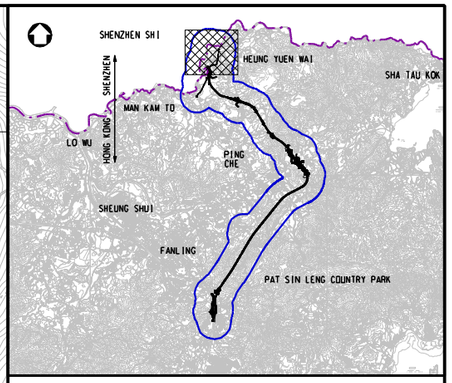

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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Project
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LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF ANNUAL RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION
(SHEET 1 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228	Status	PRE
		CAD file	j:\255228\report\env\eia\0208\FIG 3-17.1.dgn		
Drawing No	FIGURE 3.17.1			Rev	P2

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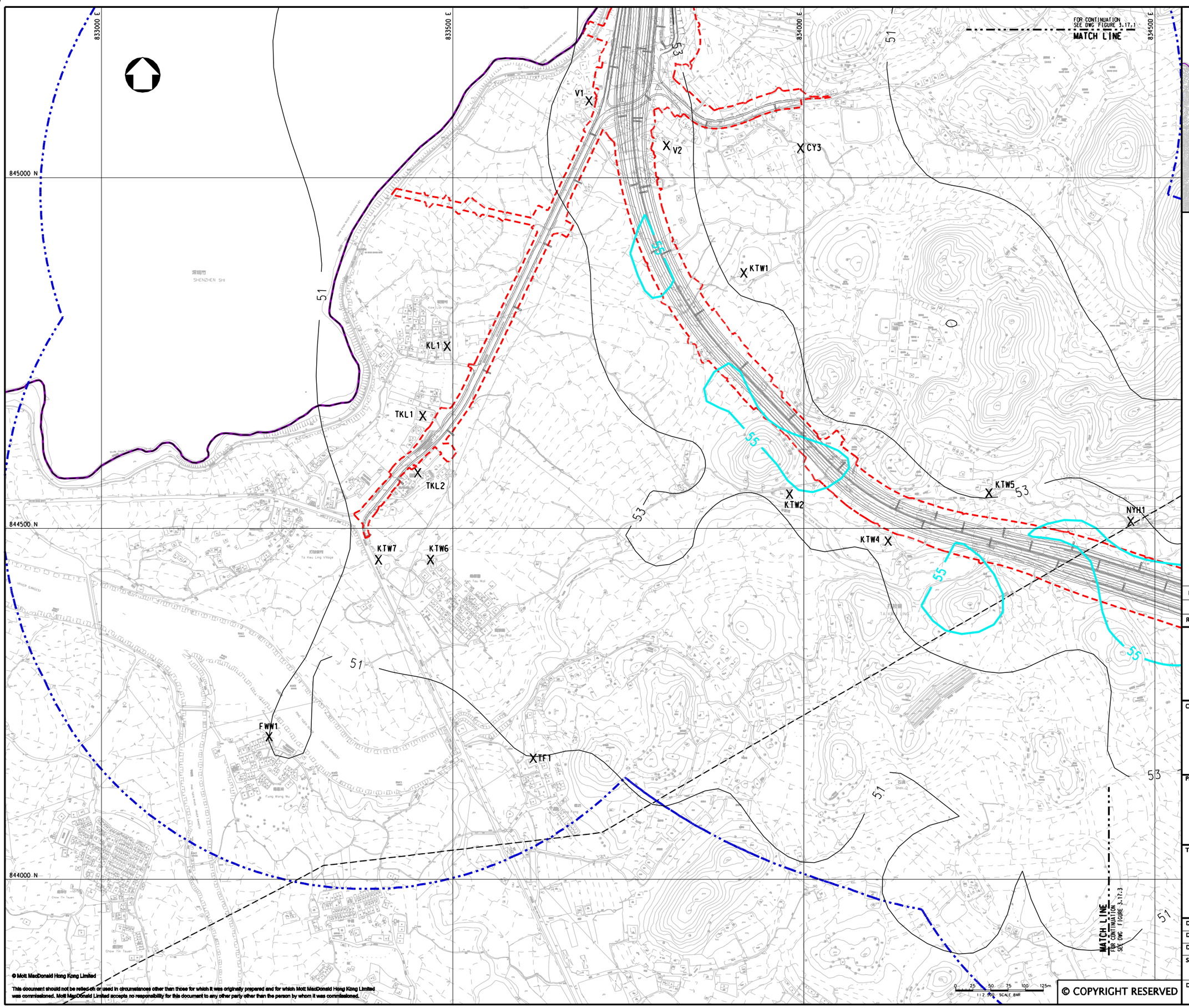

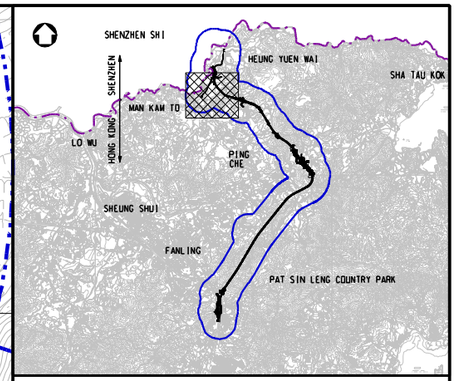

KEY PLAN
SCALE 1:100000

LEGEND:

- BOUNDARY OF HKSAR
- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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Title
CUMULATIVE RESULT - CONTOUR OF ANNUAL RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION

(SHEET 2 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
CAD file: J:\255228\report\env\eia\01208\FIG 3-17.2.dgn
Status: PRE
Drawing No: FIGURE 3.17.2
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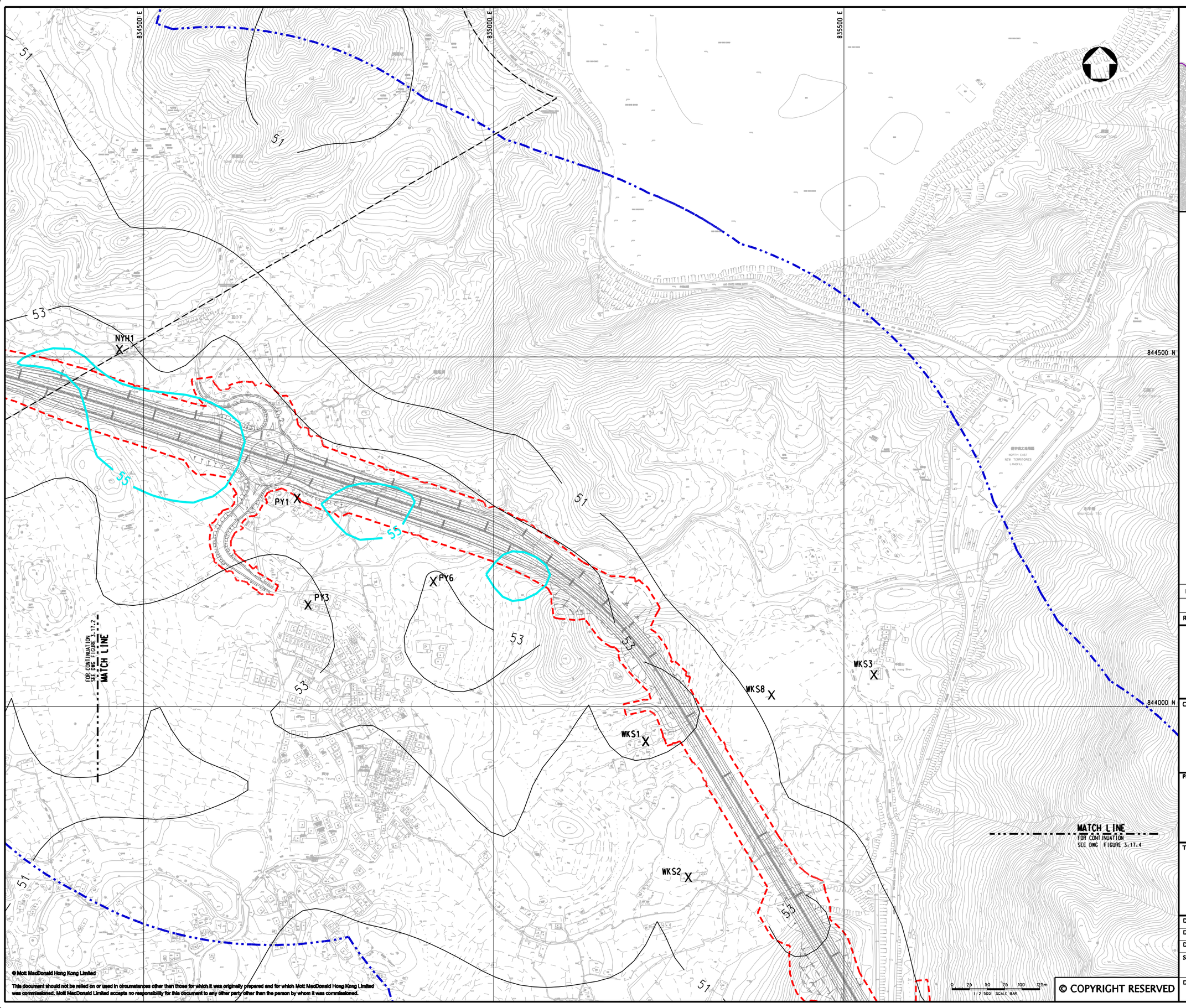

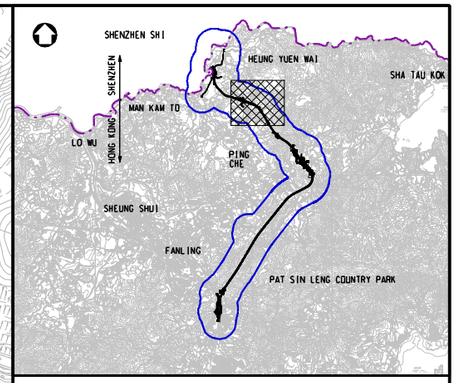

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

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Title

CUMULATIVE RESULT - CONTOUR OF ANNUAL RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR NORTHERN SECTION

(SHEET 3 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1	Project 255228	Status
1:2500	CAD file J:\255228\report\env\eia\01208\FIG 3-17.3.dgn	PRE
Drawing No FIGURE 3.17.3		Rev P2

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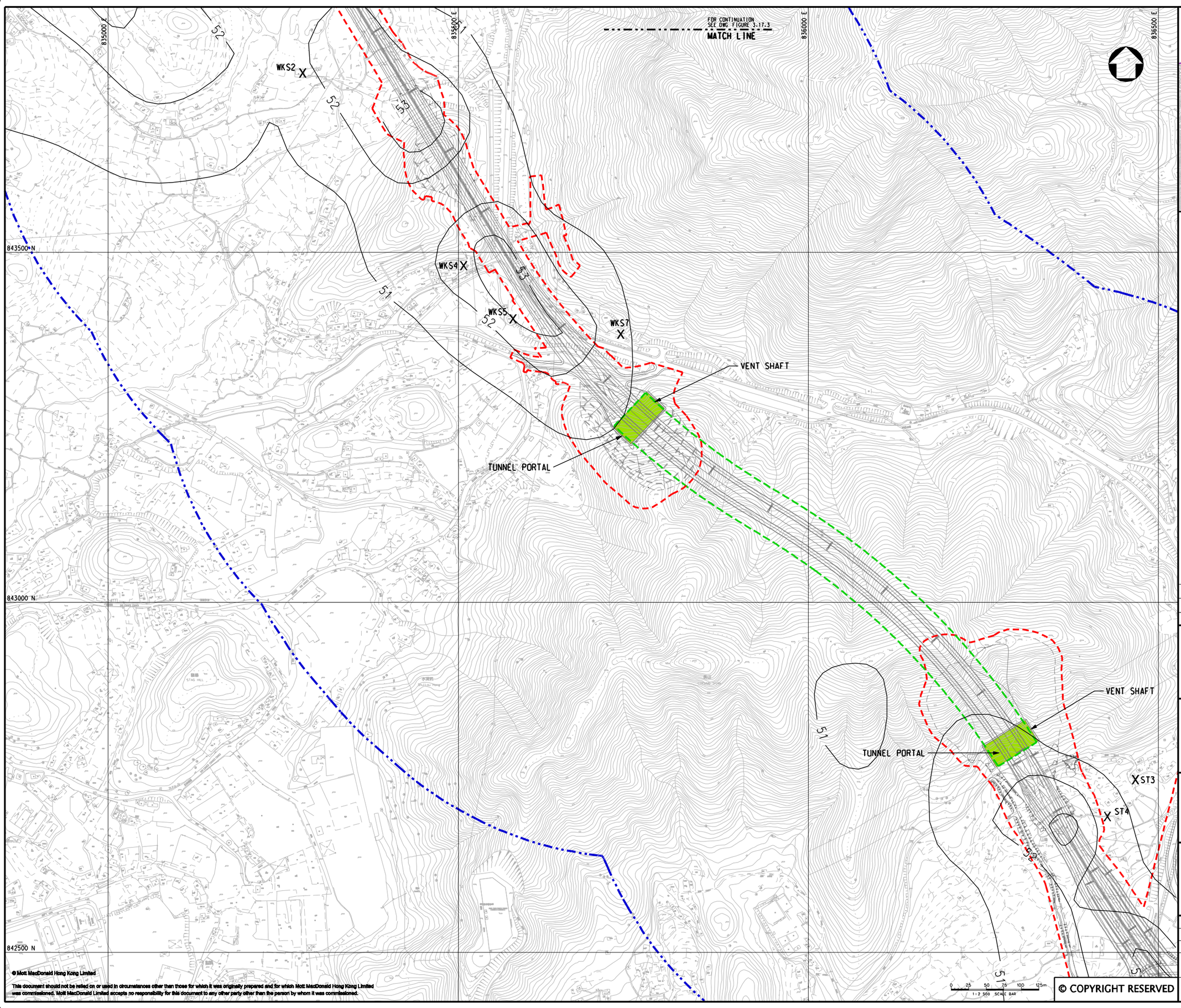

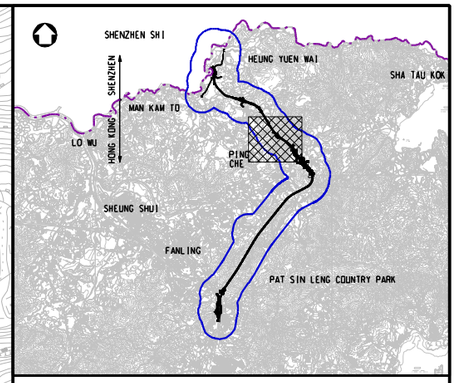

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.

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(SHEET 4 OF 4)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
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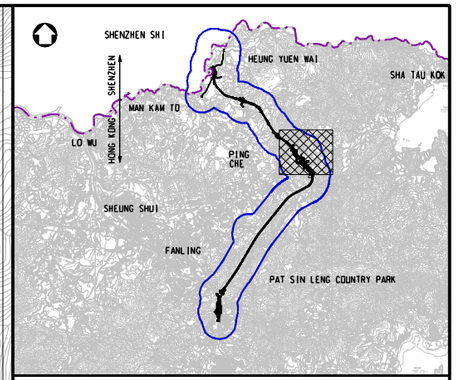
836000 E
836500 E
837000 E
837500 E
843000 N
842500 N

VENT SHAFT
TUNNEL PORTAL
51
ST1
ST2
ST3
ST4
PROPOSED AREA FOR ADMINISTRATION BUILDING
TTW1
TTW2
TTW3
LT1
LT2
52
53
54

MATCH LINE
FOR CONTINUATION
SEE DWG. FIGURE 3.17.6

0 25 50 75 100 125m
1 : 2 500 SCALE BAR



KEY PLAN
SCALE 1:100000

LEGEND:

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Title
CUMULATIVE RESULT - CONTOUR OF ANNUAL RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR LOI TUNG

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
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Status: PRE
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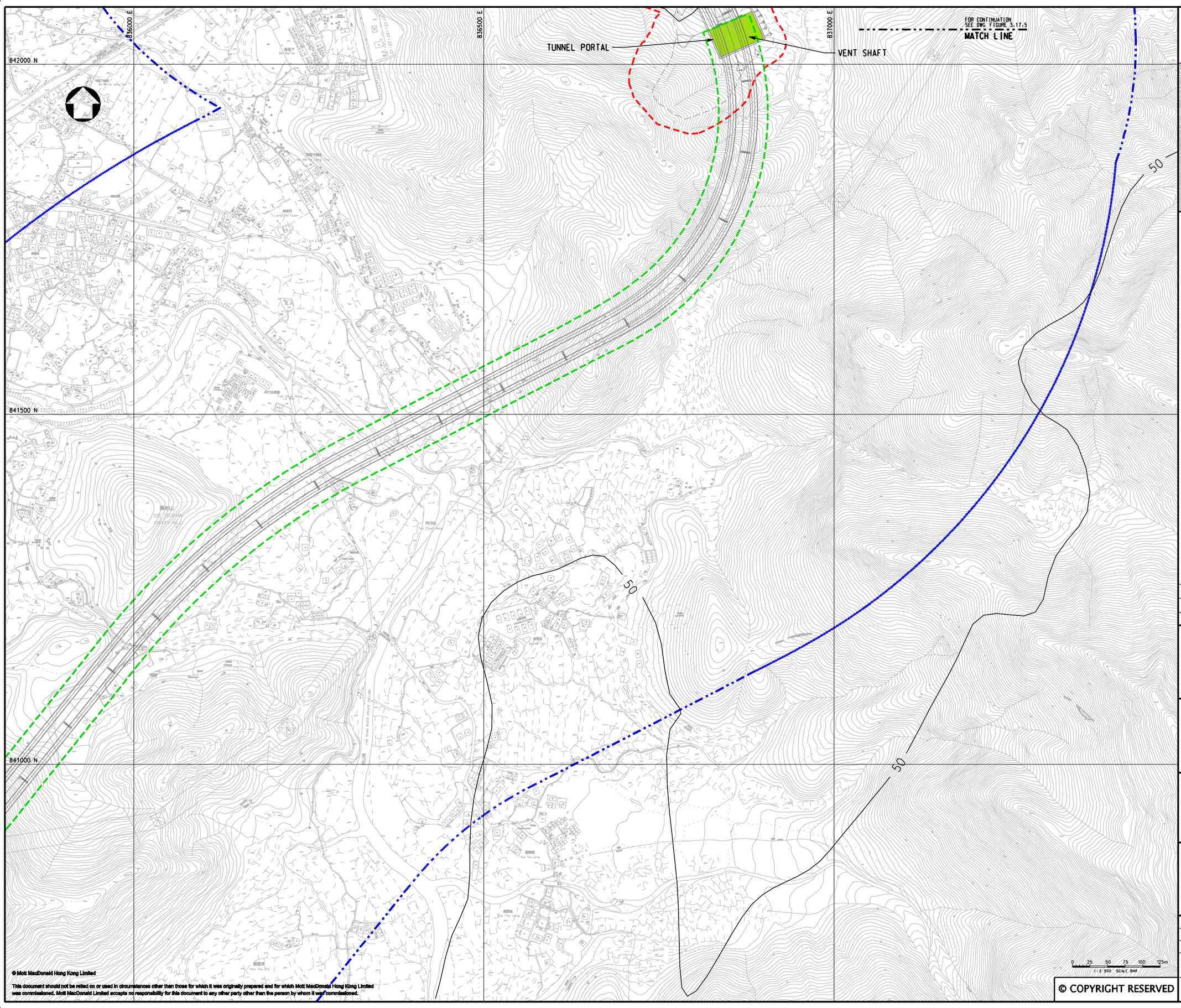

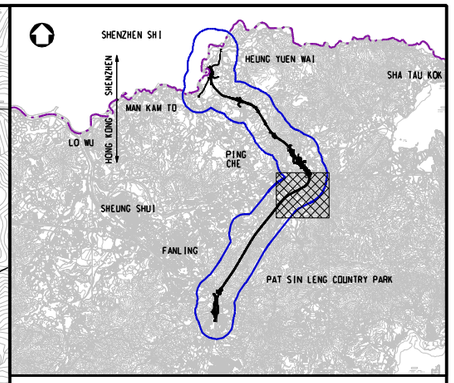

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING

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(SHEET 2 OF 2)

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Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	j:\255228\report\env\eia\01208\FIG 3-17.6.dgn		
Drawing No	FIGURE 3.17.6				Rev P2

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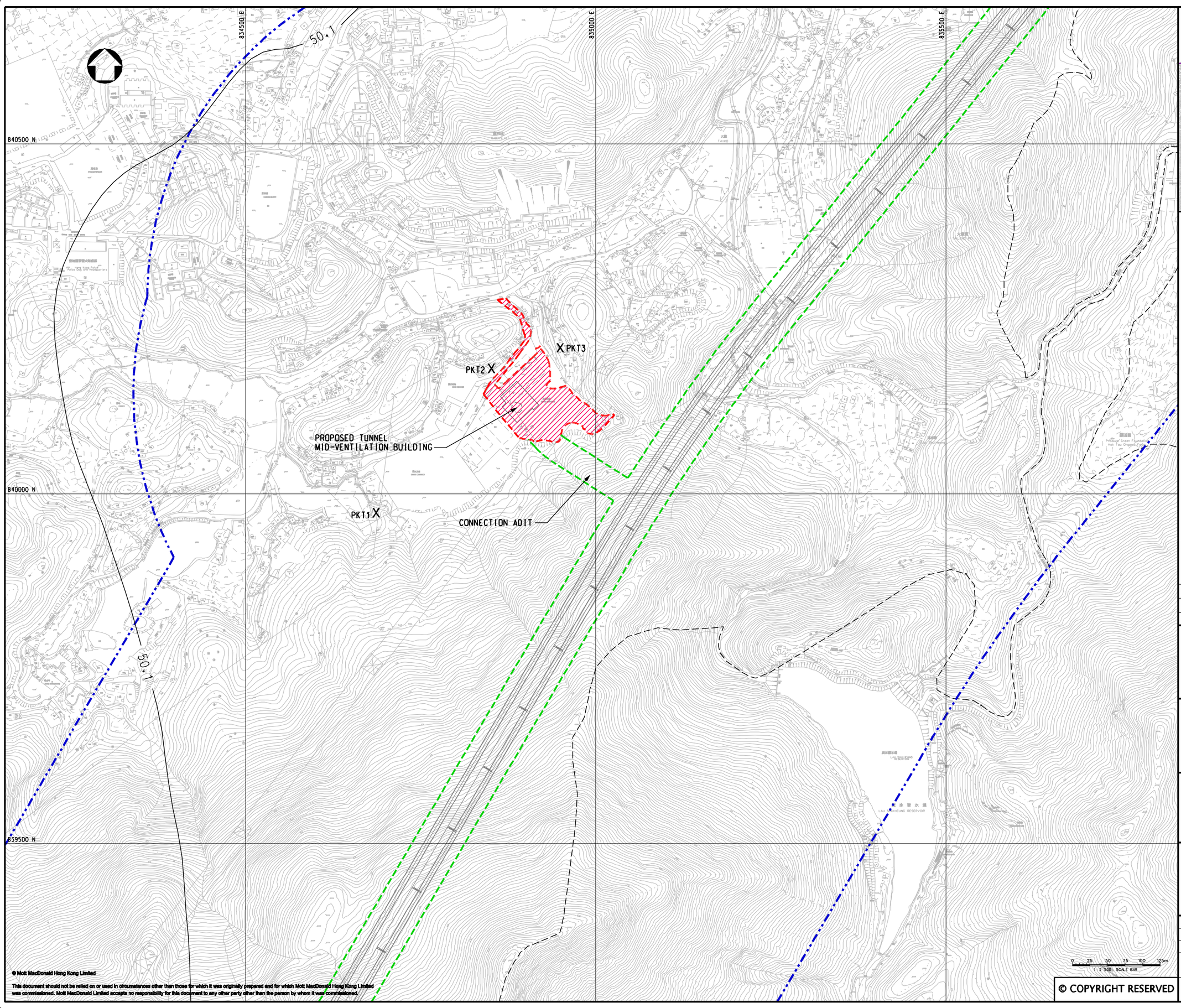

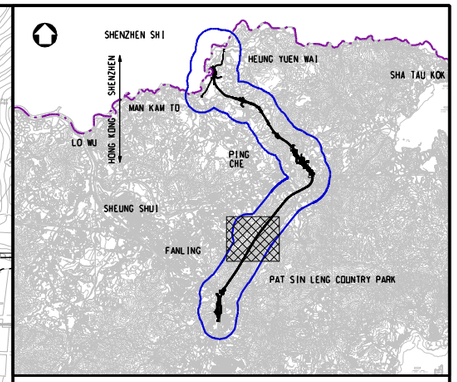

KEY PLAN
SCALE 1:100000

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Drawn	MING		Coordination	EC	
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Scale at A1 1:2500		Project 255228			Status PRE
		CAD file j:\255228\report\env\eia\01208\FIG 3-17.7.dgn			
Drawing No FIGURE 3.17.7					Rev P2

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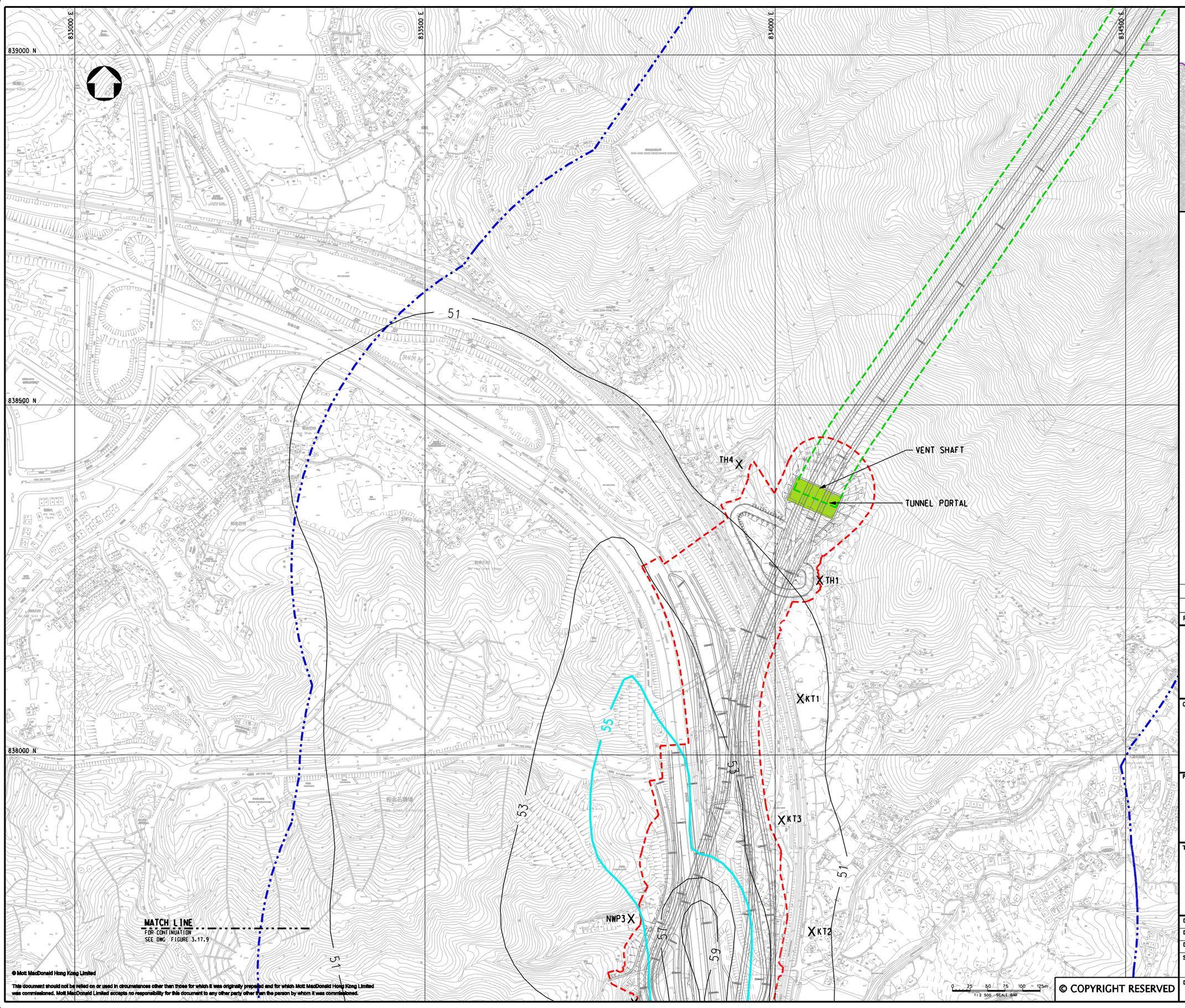

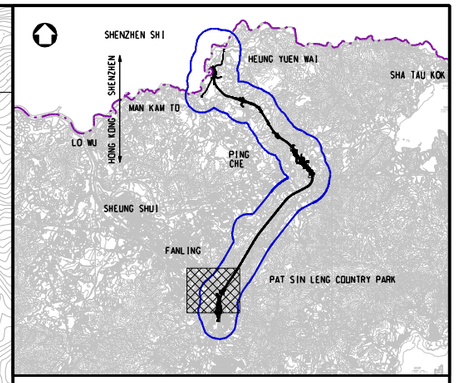

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- TUNNEL SECTION
- PROPOSED TUNNEL VENTILATION BUILDING
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AQO CRITERIA.
- AQO CRITERIA

Rev	Date	Drawn	Description	Ch'k'd	App'd
P2	DEC 10	MMH	GENERAL REVISION	DC	HT
P1	NOV 10	MMH	FIRST ISSUE	DC	HT

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Client
CEDD
CIVIL ENGINEERING AND DEVELOPMENT DEPARTMENT

Project
AGREEMENT NO. CE45/2008(CE)
LIANTANG/HEUNG YUEN WAI BOUNDARY CONTROL POINT AND ASSOCIATED WORKS

Title
CUMULATIVE RESULT - CONTOUR OF ANNUAL RSP CONCENTRATION ($\mu g/m^3$) AT 1.5m ABOVE GROUND DURING OPERATIONAL PHASE FOR FANLING

(SHEET 1 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	
Scale at A1	1:2500	Project	255228		Status PRE
		CAD file	J:\255228\report\env\eia\01208\FIG 3-17.8.dgn		
Drawing No	FIGURE 3.17.8				Rev P2

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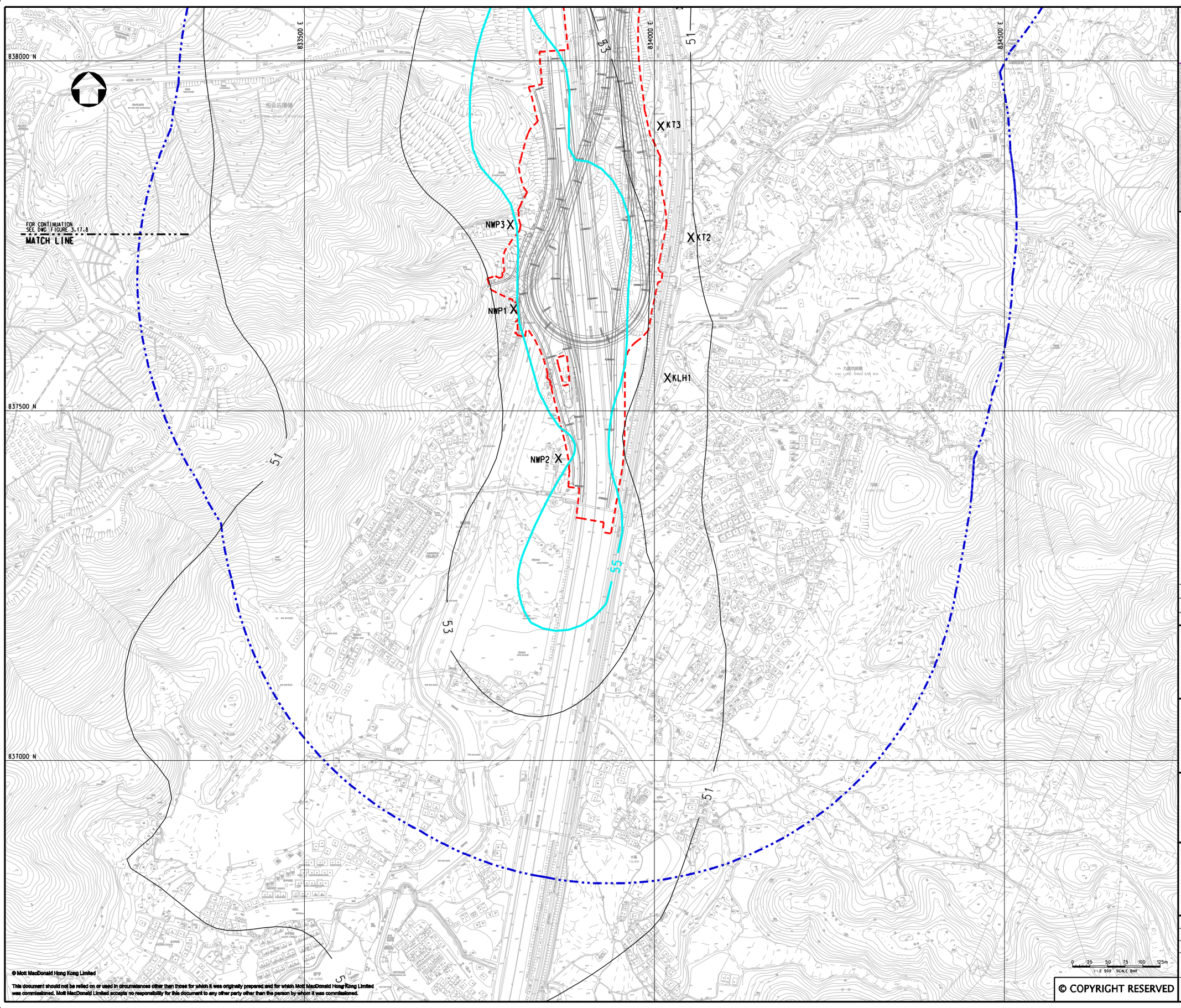

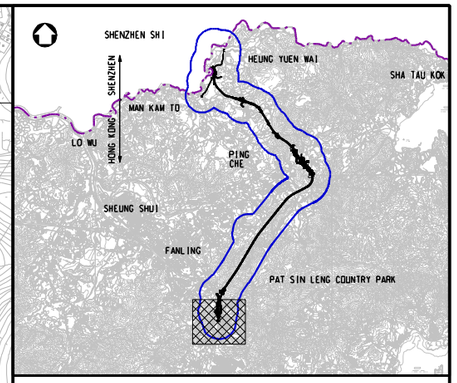

KEY PLAN
SCALE 1:100000

LEGEND:

- 500m ASSESSMENT AREA
- TENTATIVE WORKS AREA
- X AIR SENSITIVE RECEIVERS COMPLIED WITH AOO CRITERIA.
- AOO CRITERIA

Rev	Date	Drawn	Description	Ch'k'd	App'd
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(SHEET 2 OF 2)

Designed	HC		Eng.Chk.	EC	
Drawn	MING		Coordination	EC	
Dwg.Chk.	HC		Approved	HT	

Scale at A1: 1:2500
Project: 255228
Status: PRE
CAD file: J:\255228\report\env\eia\01208\FIG 3-17.9.dgn
Drawing No: FIGURE 3.17.9
Rev: P2

0 25 50 75 100 125m
1:2 500 SCALE BAR

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