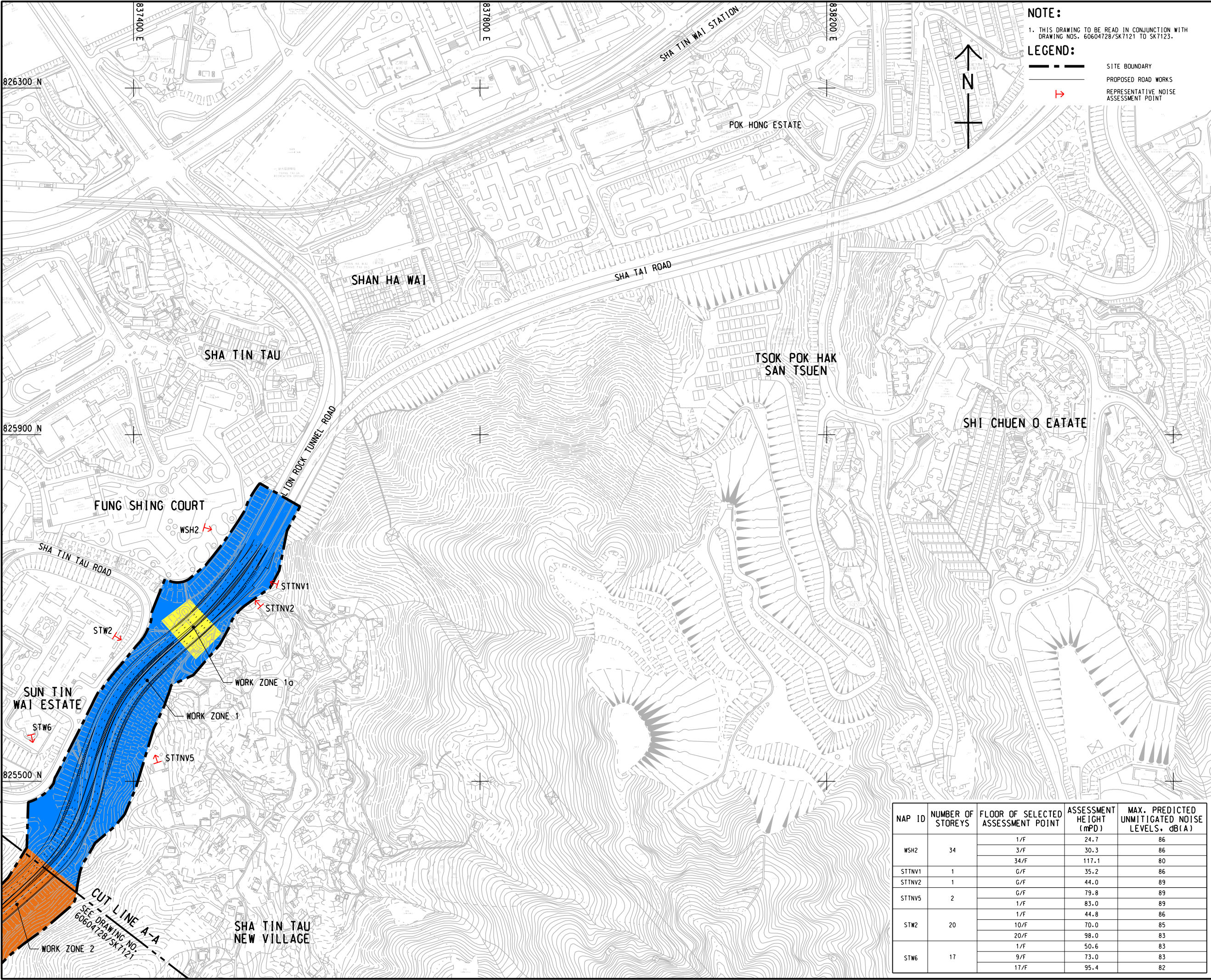


Appendix 4.5b Predicted Construction Noise Levels at Representative Floor Levels (Unmitigated Scenario)

NAP ID	Assessment Floor	NAP Level mP.D.	Max. Predicted Construction Noise Level, dB(A)
EH1	1/F	74.5	85
	5/F	87.3	85
	6/F	90.5	85
MC1	1/F	78.5	79
	3/F	84.9	79
	9/F	104.1	79
PH2	1/F	76.7	84
	8/F	99.1	83
	15/F	121.5	81
PHD1	1/F	115.7	86
	7/F	136.7	86
	13/F	157.7	85
WSH2	1/F	24.7	86
	3/F	30.3	86
	34/F	117.1	80
STTNV1	G/F	35.2	86
STTNV2	G/F	44.0	89
STTNV5	G/F	79.8	89
	1/F	83.0	89
STW2	1/F	44.8	86
	10/F	70.0	85
	20/F	98.0	83
STW6	1/F	50.6	83
	9/F	73.0	83
	17/F	95.4	82
STGPS2	1/F	31.7	82
	5/F	46.9	82
	7/F	54.5	82
KTV2	G/F	21.6	82
MWG1	1/F	25.2	83
	2/F	28.4	83
	3/F	31.6	83
KTV5	1/F	37.1	90
	2/F	40.3	90
	3/F	43.5	90
HMKR1	G/F	25.2	84
WWG5	1/F	65.0	84
	10/F	93.8	83
	20/F	125.8	81
WWG8	1/F	65.0	91
	10/F	93.8	87
	21/F	129.0	83
JG4	1/F	65.7	86
	4/F	75.3	87
	21/F	129.7	82
HP1	1/F	69.8	85
	2/F	73.0	85
	3/F	76.2	85
UC1	1/F	71.3	85
	5/F	84.1	85
	24/F	144.9	84
KSC1	1/F	38.6	80
	15/F	77.8	81
	31/F	122.6	80
KATC1	1/F	39.8	81
	20/F	93.0	81
	35/F	135.0	81

	Estimated number of Dwellings / Classroom exposed to adverse construction noise impact
Dwellings	3740
Classroom	29

ISO A1 594mm x 841mm
Approved:
Checked:
Designer:
Project Management Initials:
2022/6/23
Plot File by: ZHLZ
PATH P:\PROJECTS\60604728\DRAWINGS\SKET\CHSK7120.dgn



NOTE:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH
DRAWING NOS. 60604728/SK7121 TO SK7123.

LEGEND:
--- SITE BOUNDARY
--- PROPOSED ROAD WORKS
--- REPRESENTATIVE NOISE
ASSESSMENT POINT



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

AECOM

PROJECT
項目

**IMPROVEMENT OF
LION ROCK TUNNEL -
INVESTIGATION**

CLIENT
業主

 路政署
**HIGHWAYS
DEPARTMENT**

CONSULTANT
工程顧問公司

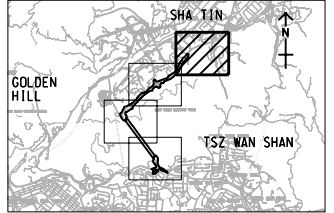
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分判工程顧問公司

ISSUE/REVISION 修訂			
I/R 修訂	DATE 日期	DESCRIPTION 修改描述	CHK. 校核

STATUS 狀況	

SCALE 比例	DIMENSION UNIT 尺寸單位
A3 1 : 4000	METRES 公尺
KEY PLAN 索引圖	A3 1 : 200000



NAP ID	NUMBER OF STOREYS	FLOOR OF SELECTED ASSESSMENT POINT	ASSESSMENT HEIGHT (mPD)	MAX. PREDICTED UNMITIGATED NOISE LEVELS, dB(A)
WSH2	34	1/F	24.7	86
		3/F	30.3	86
		34/F	117.1	80
STTNV1	1	G/F	35.2	86
STTNV2	1	G/F	44.0	89
STTNV5	2	G/F	79.8	89
		1/F	83.0	89
STW2	20	1/F	44.8	86
		10/F	70.0	85
		20/F	98.0	83
		1/F	50.6	83
STW6	17	9/F	73.0	83
		17/F	95.4	82

PROJECT NO.
項目編號

60604728

AGREEMENT NO.
協議編號

CE 48/2018(HY)

SHEET TITLE
圖紙名稱

GENERAL LAYOUT

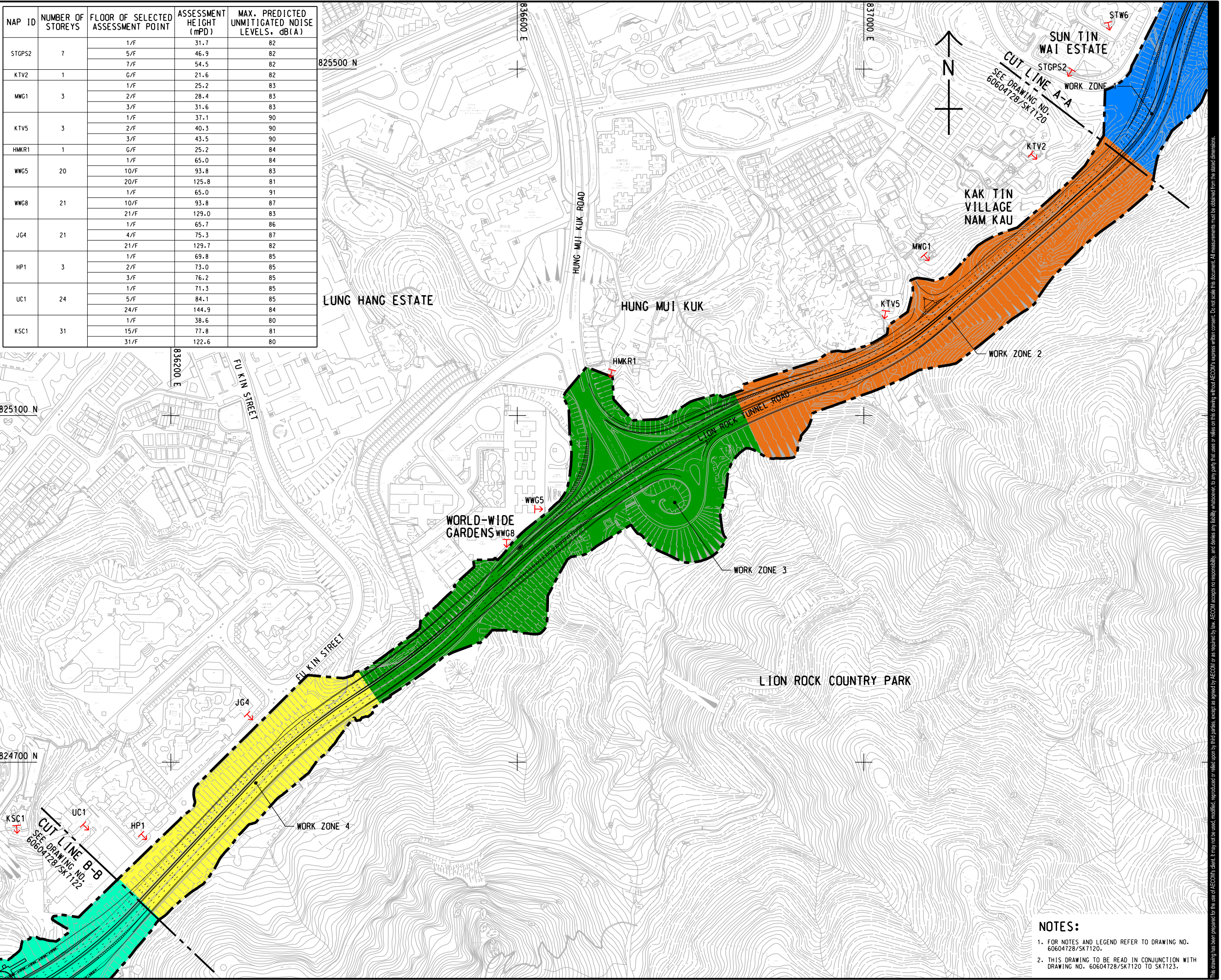
SHEET NUMBER
圖紙編號

60604728/SK7120

SHEET 1 OF 4

ISO A1 594mm x 841mm
Approved:
Checked:
Designer:
Project Management Initials:
2022/6/23
Plot File by: ZHLZ
PATH P:\PROJECTS\60604728\DRAWINGS\K1\CHSK7121.dgn

NAP ID	NUMBER OF STOREYS	FLOOR OF SELECTED ASSESSMENT POINT	ASSESSMENT HEIGHT (mPD)	MAX. PREDICTED UNMITIGATED NOISE LEVELS, dB(A)
STGPS2	7	1/F	31.7	82
		5/F	46.9	82
		7/F	54.5	82
KTV2	1	6/F	21.6	82
MWG1	3	1/F	25.2	83
		2/F	28.4	83
KTV5	3	3/F	31.6	83
		1/F	37.1	90
HMKR1	1	2/F	40.3	90
		3/F	43.5	90
WWG5	20	6/F	25.2	84
		1/F	65.0	84
		10/F	93.8	83
WWG8	21	20/F	125.8	81
		1/F	65.0	91
		10/F	93.8	87
JG4	21	21/F	129.0	83
		1/F	65.7	86
		4/F	75.3	87
HP1	3	21/F	129.7	82
		1/F	69.8	85
		2/F	73.0	85
UC1	24	3/F	76.2	85
		1/F	71.3	85
		5/F	84.1	85
KSC1	31	24/F	144.9	84
		1/F	38.6	80
		15/F	77.8	81
		31/F	122.6	80



AECOM

PROJECT

IMPROVEMENT OF
LION ROCK TUNNEL -
INVESTIGATION

CLIENT

路政署
HIGHWAYS
DEPARTMENT

CONSULTANT

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

分判工程顧問公司

ISSUE/REVISION

NO.	DESCRIPTION	DATE	BY

I/R	DATE	DESCRIPTION	CHK.

STATUS

NOTES

SCALE

比例

A3 1:4000

DIMENSION UNIT

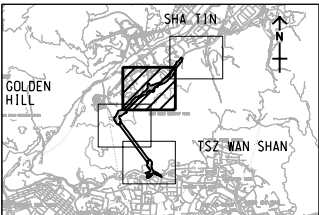
尺寸單位

METRES

KEY PLAN

小比例圖

A3 1:20000



PROJECT NO.

項目編號

60604728

AGREEMENT NO.

協議編號

CE 48/2018(HY)

SHEET TITLE

圖則名稱

GENERAL LAYOUT

NOTES:

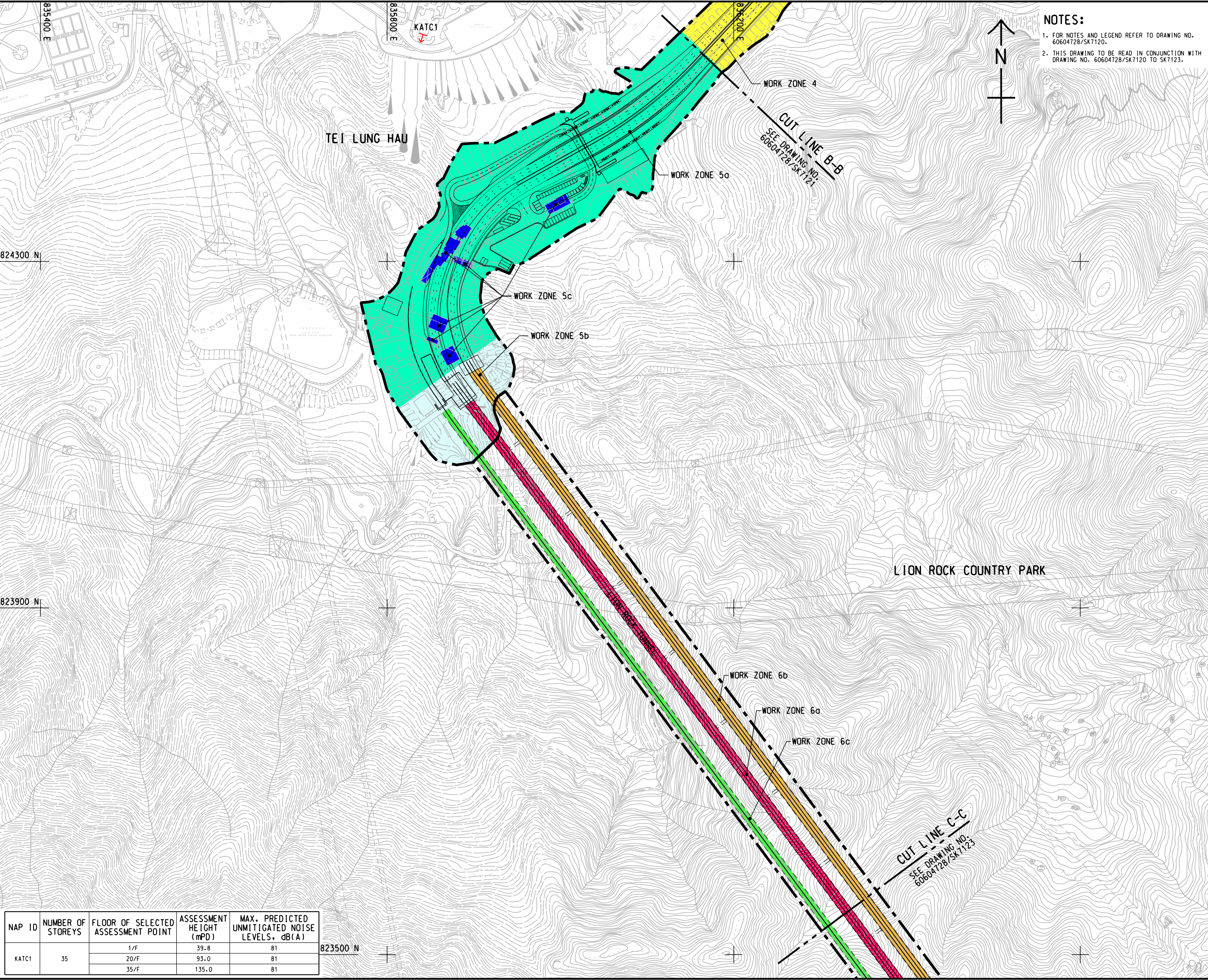
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60604728/SK7120.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NO. 60604728/SK7120 TO SK7123.

SHEET NUMBER

圖則編號

60604728/SK7121

ISO A1 594mm x 841mm
Approved:
Checked:
Designer:
Project Management Initials:
2022/6/22
Plot File by: ZHLZ
PATH P:\PROJECTS\60604728\DRAWINGS\K1\CHSK7122.dgn



- NOTES:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60604728/SK7120.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NO. 60604728/SK7120 TO SK7123.

AECOM

PROJECT
項目

IMPROVEMENT OF
LION ROCK TUNNEL -
INVESTIGATION

CLIENT
業主

**HIGHWAYS
DEPARTMENT**

CONSULTANT
顧問公司

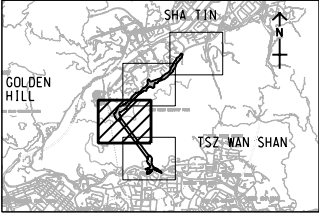
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分判工程顧問公司

ISSUE/REVISION 修訂			
I/R 修訂	DATE 日期	DESCRIPTION 修改描述	CHK. 校核

STATUS
狀況

SCALE 比例尺	DIMENSION UNIT 尺寸單位
A3 1 : 4000	METRES
KEY PLAN 索引圖	A3 1 : 200000

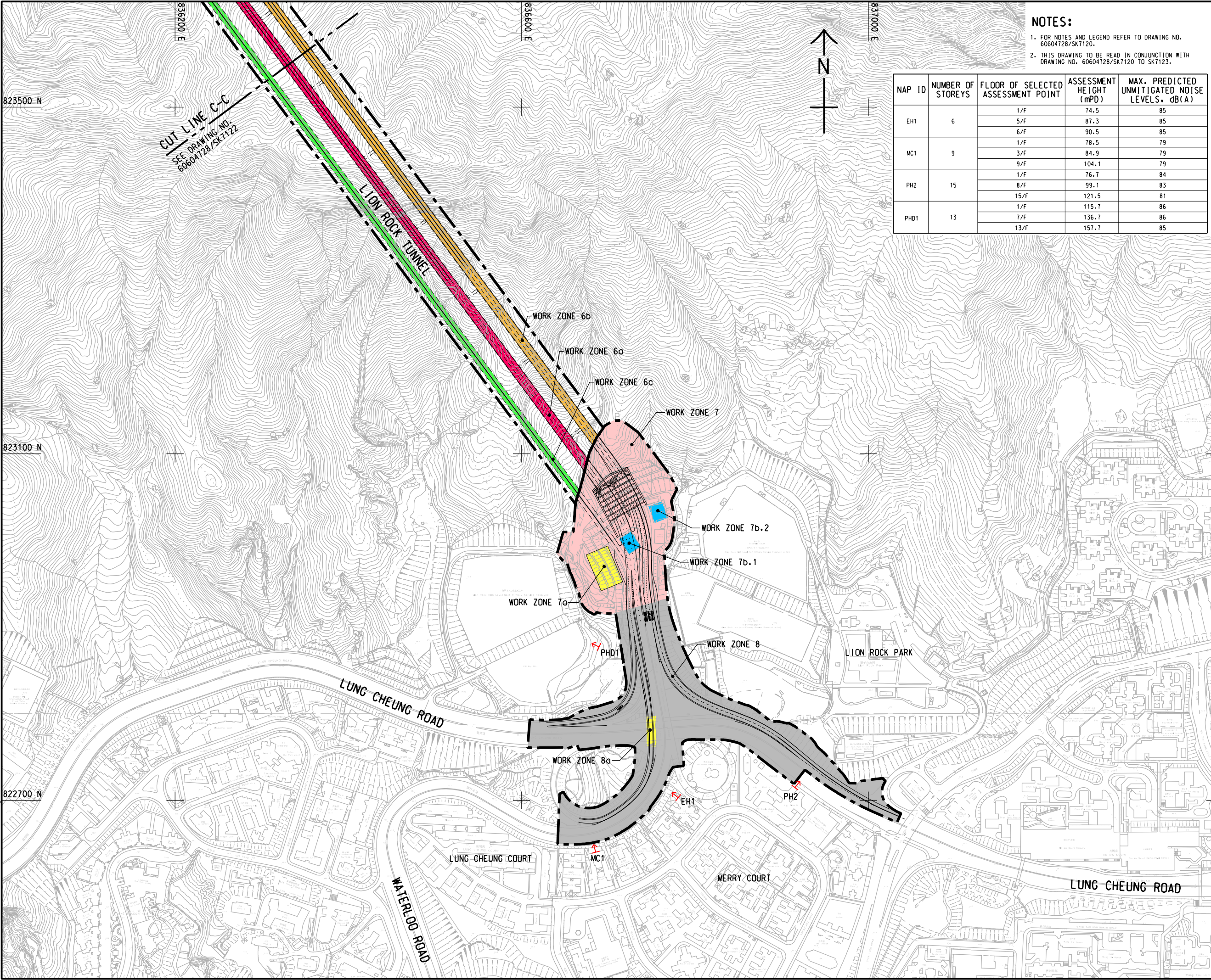


PROJECT NO. 項目編號	AGREEMENT NO. 協議編號
60604728	CE 48/2018(HY)
SHEET TITLE 圖則名稱	
GENERAL LAYOUT	
SHEET NUMBER 圖則編號	
60604728/SK7122	

NAP ID	NUMBER OF STOREYS	FLOOR OF SELECTED ASSESSMENT POINT	ASSESSMENT HEIGHT (mPD)	MAX. PREDICTED UNMITIGATED NOISE LEVELS, dB(A)
KATC1	35	1/F	39.8	81
		20/F	93.0	81
		35/F	135.0	81

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. All measurements must be obtained from the stated dimensions.

ISO A1 594mm x 841mm
Approved:
Checked:
Designer:
Project Management Initials:
2022/6/23
Plot File by: ZHLZ
PATH P:\PROJECTS\60604728\DRAWINGS\SET CH\SK7123.dgn



NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60604728/SK7120.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NO. 60604728/SK7120 TO SK7123.

NAP ID	NUMBER OF STOREYS	FLOOR OF SELECTED ASSESSMENT POINT	ASSESSMENT HEIGHT (mPD)	MAX. PREDICTED UNMITIGATED NOISE LEVELS, dB(A)
EH1	6	1/F	74.5	85
		5/F	87.3	85
		6/F	90.5	85
MC1	9	1/F	78.5	79
		3/F	84.9	79
		9/F	104.1	79
PH2	15	1/F	76.7	84
		8/F	99.1	83
		15/F	121.5	81
PHD1	13	1/F	115.7	86
		7/F	136.7	86
		13/F	157.7	85

AECOM

PROJECT

IMPROVEMENT OF
LION ROCK TUNNEL -
INVESTIGATION

CLIENT



CONSULTANT

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

ISSUE/REVISION

I/R	DATE	DESCRIPTION	CHK.
-----	------	-------------	------

STATUS

SCALE

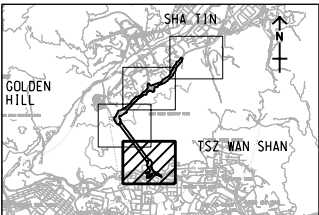
DIMENSION UNIT

A3 1:4000

METRES

KEY PLAN

A3 1:200000



PROJECT NO.

AGREEMENT NO.

60604728

CE 48/2018(HY)

SHEET TITLE

GENERAL LAYOUT

SHEET NUMBER

60604728/SK7123

SHEET 4 OF 4