NIA Report

PROPOSED MINOR RELAXATION OF PLOT RATIO RESTRICTION FOR PERMITTED FLAT AND PROPOSED SHOP AND SERVICES USES AT LOTS 4614 AND 4615 RP IN D.D. 116, LOTS 1753 S.B SS.3 (PART), 1753 S.B RP (PART), 1756 S.S (PART), 1756 RP (PART), 1757, 1758 RP AND 1760 RP IN D.D. 120, AND ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRITORIES

Prepared for

Henderson Land Development Company Limited

Prepared by

Ramboll Hong Kong Limited

PROPOSED MINOR RELAXATION OF PLOT RATIO RESTRICTION FOR PERMITTED FLAT AND PROPOSED SHOP AND SERVICES USES AT LOTS 4614 AND 4615 RP IN D.D. 116, LOTS 1753 S.B SS.3(PART), 1753 S.B RP (PART), 1756 S.A (PART), 1756 RP(PART), 1757, 1758 RP AND 1760 RP IN D.D. 120, AND ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRIRORIES

NOISE IMPACT ASSESSMENT



PROPOSED MINOR RELAXATION OF PLOT RATIO RESTRICTION FOR PERMITTED FLAT AND PROPOSED SHOP AND SERVICES USES AT LOTS 4614 AND 4615 RP IN D.D. 116, LOTS 1753 S.B SS.3 (PART), 1753 S.B RP (PART), 1756 S.S (PART), 1756 RP (PART), 1757, 1758 RP AND 1760 RP IN D.D. 120, AND ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRITORIES

Date February 2024

Prepared by Kyle Kam

Assistant Environmental Consultant

Signed

Approved by Tony Cheng

Senior Manager

Signed

Project Reference HENYLTSHEIOO

Document No. R9172\_1.1.docx

No part of this document may be reproduced or transmitted, in any form or by any means electronic, mechanical, photographic, recording or otherwise, or stored in a retrieval system of any nature without the written permission of Ramboll Hong Kong Ltd, application for which shall be made to Ramboll Hong Kong Ltd, 21/F, BEA Harbour View Centre, 56 Gloucester Road, Wan Chai, Hong Kong.

Disclaimer: This report is made on behalf of Ramboll Hong Kong Ltd. No individual is personally liable in connection with the preparation of this report. By receiving this report and acting on it, the client or any third party relying on it accepts that no individual is personally liable in contract, tort or breach of statutory duty (including negligence).

Ramboll Hong Kong Limited

21/F, BEA Harbour View Centre 56 Gloucester Road, Wan Chai, Hong Kong

Tel: (852) 3465 2888 Fax: (852) 3465 2899 Email: hkinfo@ramboll.com

Q:\Projects\HENYLTSHEI00\04 Deliverables\01 NIA Report\R9172\_1.1.docx



# **CHAPTERS**

		Pag	јe
1.	ΙN	TRODUCTION1-	4
	1.1	Project Background1-	4
	1.2	Subject Site and its Environs1-	5
	1.3	The Proposed Development1-	.5
	1.4	Environmental Appraisal of the Proposed Developments 1-	5
2.	RC	OAD TRAFFIC NOISE IMPACT ASSESSMENT2-	1
	2.1	Introduction2-	.1
	2.2	Assessment Criteria	.1
	2.3	Assessment Methodology2-	.1
	2.4	Road Characteristics and Contribution 2-	.1
	2.5	Noise Sensitive Receivers2-	.2
	2.6	Road Traffic Impact Assessment Result (Base Case)	.2
	2.7	Proposed Noise Mitigation Measures	.2
	2.8	Assessment Result under Mitigated Scenario	.3
	2.9	Conclusion	.3
3.	ΙN	DUSTRIAL NOISE IMPACT ASSESSMENT3-	1
	3.1	Introduction	.1
	3.2	Assessment Criteria 3-	.1
	3.3	Industrial Noise Sources 3-	.1
	3.4	Potential Fixed Noise Sources of Proposed Development 3-	.1
	3.5	Conclusion	.1
4.	OV	/ERALL CONCLUSION4-	3
TΔ	BLE	S	
Tab	ole 3.1	Acceptable Noise Levels	.1
Tah	le 3.2	Potential Industrial Noise Sources	
Tub	70 U.Z	Totolital mastrial Noise Sources	
FΙ	GUR	ES	
Figu	ure 1.1	Location of Subject and its Environs	
Figu	ure 2.1	Location of Representative Noise Sensitive Receivers for Road Traffic Noise Impact Assessment	
Figu	ure 2.2	Proposed Road Traffic Noise Mitigation Measures	

# **APPENDICES**

Appendix 1.1 Master Layout Plans and Sections of the Proposed Development



	PERMITTED FLAT AND PROPOSED SHOP AND SERVICES USES AT LOTS 4614 AND 4615 RP IN D.D. 116, LOTS 1753 S.B SS.3 (PART), 1753 S.B RP (PART), 1756 S.S (PART), 1756 RP (PART), 1757, 1758 RP AND 1760 RP IN D.D. 120, AND ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRITORIES
Appendix 2.1	Traffic Forecast of Year 2043
Appendix 2.2	Road Traffic Noise Impact Assessment Result (Base Case)
Appendix 2.3	Road Traffic Noise Impact Assessment Result (Mitigated Case)
Appendix 3.1	Location of Potential Industrial Noise Sources within 300m Assessment

PROPOSED MINOR RELAXATION OF PLOT RATIO RESTRICTION FOR



NIA Report

Area

## 1. INTRODUCTION

- 1.1 Project Background
- 1.1.1 The Proposed Development is located at Residential Group B under the Draft Yuen Long Outline Zoning Plan (OZP) No. S/YL/26 which is designated for residential use. Below is the extract of the notes of the Yuen Long OZP for the use.

- 8 - <u>S/YL/26</u>

### RESIDENTIAL (GROUP B)

Column 1	Column 2
Uses always permitted	Uses that may be permitted with or without conditions on application to the Town Planning Board
Flat	Ambulance Depot
Government Use (Police Reporting Centre,	Eating Place
Post Office only)	Educational Institution
House	Government Refuse Collection Point
Library	Government Use (not elsewhere specified)
Residential Institution	Hospital
School (in free-standing purpose-designed	Hotel
building only)	Institutional Use (not elsewhere specified)
Utility Installation for Private Project	Off-course Betting Centre
	Office
	Petrol Filling Station
	Place of Entertainment
	Place of Recreation, Sports or Culture
	Private Club
	Public Clinic
	Public Convenience
	Public Transport Terminus or Station
	Public Utility Installation
	Public Vehicle Park (excluding container vehicle)
	Recyclable Collection Centre
	Religious Institution
	School (not elsewhere specified)
	Shop and Services
	Social Welfare Facility
	Training Centre

1.1.2 Under the Column 1, flat and residential institution "i.e. residential use" is always permitted to be constructed at the Subject Site. The plot ratio of the residential use under the OZP is 3.5 and with a maximum building height of 25 storeys (excluding basement car park). As such, existing residential development "Sereno Verde" is located immediate east of the Subject Site.



- 1.1.3 Figure 1.1 shows the location of the Subject Site and the surrounding developments.
- 1.1.4 During the land exchange application, as per the Transport Department's request, a strip of land along the Tai Shu Ha Road East has to be reserved as non-building area of the proposed development. This trip of land is reserved with a view not to jeopardizing the potential road widening works in the future, if necessary. Under current status, there is no planning for the road widening of Tai Shu Ha Road East from neither the Transport Department nor the project proponent.
- 1.1.5 Under this current planning application, the Applicant proposed to have 20% plot ratio relaxation, i.e. to have an additional 4 storeys increase from 20 storeys to 24 storeys.
- 1.1.6 Ramboll Hong Kong Limited (the Consultant) has been commissioned by the Applicant to conduct this noise impact assessment in relation to the planning application. Architectural drawings and technical information of the Subject Site were provided by project proponent.
- 1.2 Subject Site and its Environs
- 1.2.1 The Subject Site is located at the junction of Tai Tong Road and Tai Shu Ha Road East. The site is currently zoned as "Residential Group B (R(B))".
- 1.2.2 The Subject Site is bounded by road carriageways, Tai Tong Road to the north and Tai Shu Ha Road East to the southwest of the Subject Site. Tai Shu Ha Road West is located further southwest of the Subject Site; while Yuen Long Highway is located further south of the Subject Site. An existing residential development "Sereno Verde" is located to the northeast of the Subject Site.
- 1.2.3 Figure 1.1 shows the location of the Subject Site and the surrounding environs.
- 1.3 The Proposed Development
- 1.3.1 The Proposed Development will mainly comprise of 1 residential tower with 25 storeys (the maximum building height is 101 mPD). As shown in the section, club house and E/M use are located at ground floor and 1<sup>st</sup> floor. Residential storeys start from 2/F to 24/F.
- 1.3.2 Master layout plans and sections of the Proposed Development are shown in Appendix1 1
- 1.4 Environmental Appraisal of the Proposed Developments
- 1.4.1 Assessment on road traffic noise impact, industrial noise impact will be discussed in Sections 2 and 3 respectively.



# 2. ROAD TRAFFIC NOISE IMPACT ASSESSMENT

#### 2.1 Introduction

2.1.1 This road traffic noise impact assessment is prepared to address potential road traffic noise impact on the noise sensitive uses of the Proposed Developments Site and to recommend mitigation measures, where necessary.

#### 2.2 Assessment Criteria

- 2.2.1 Noise standards are recommended in Chapter 9, "Environment", of the Hong Kong Planning Standards and Guidelines (HKPSG) for planning against possible noise impact from road traffic, railway and aircrafts.
- 2.2.2 For the Proposed Development, only dwellings will rely on openable window for ventilation purpose. The clubhouse will be provided with air-conditioning system and will not be provided with any openable windows / openings for ventilation.
- 2.2.3 According to the guidelines, the criterion for road traffic noise impact on domestic premises (habitable rooms) is  $L_{10(1-hour)}$  70dB(A). This criterion applies to uses which rely on openable windows for ventilation.

### 2.3 Assessment Methodology

- 2.3.1 In this assessment, the potential noise impact arising from nearby existing and future road carriageways on the development has been assessed. It involved the prediction of future noise impacts on Noise Sensitive Receivers (NSRs) arising from traffic flows along existing and future road carriageways situated within or in the vicinity of the Application Site. Calculation of predicted road traffic noise were based on the worst-case peak hour traffic flows projected within a 15-year period from the target completion date (Year 2028) of the Proposed Development. For worst-case scenario evaluation, the assessment year was chosen to be year 2043, which has the maximum forecasted traffic flow within the 15-year period. The year 2043 traffic forecast data is prepared by the project traffic consultant and attached in Appendix 2.1.
- 2.3.2 The U.K. Department of Transport's procedure "Calculation of Road Traffic Noise" (CRTN) has been applied to predict the hourly  $L_{10(1-hour)}$  noise levels generated from road traffic at selected representative NSRs. Practicable environmental mitigation measures have been recommended, where necessary. The predicted noise levels were compared with the relevant HKPSG noise criterion (i.e.,  $L_{10(1-hour)}$  70dB(A)).

#### 2.4 Road Characteristics and Contribution

2.4.1 Appendix 2.1 presents the predicted 2043 peak hour traffic data (i.e., road speed, traffic volume and percentage of heavy vehicle) on the main road carriageways surrounding the Subject Site. Tai Kei Leng Road and Yuen Long Highway are considered to be the dominant road traffic noise sources contributing on the Proposed Development. All impervious road surfacing is assumed as bitumen except Yeun Long Highway, which is a concrete road speed limit of 50 km/h and 70 km/h are assumed for different roads. Existing noise barriers along Yuen Long Highway and Shap Pat Heung Road have also been included in the road noise model.



### 2.5 Noise Sensitive Receivers

- 2.5.1 All residential dwellings with openable windows/doors of habitable room (noise sensitive use) for prescribed ventilation purposes have been assigned with assessment points. All assessment points were taken at 1.2m above the floor and 1m away from the facade of openable windows in rooms of sensitive use.
- 2.5.2 Figure 2.1 shows the location of the representative NSRs of dwellings for road traffic noise impact assessment.
- 2.6 Road Traffic Impact Assessment Result (Base Case)
- 2.6.1 The predicted road traffic noise impact on the selected NSRs under base case scenario is presented in Appendix 2.2.
- 2.6.2 According to the results, noise exceedances are found at residential units under the base case scenario. Maximum predicted noise level is 75 dB(A), which exceeds the 70 dB(A) noise criterion as listed in HKPSG for residential units. Below section advise the mitigation measures recommended for the design of the proposed development.
- 2.7 Proposed Noise Mitigation Measures
- 2.7.1 The predicted maximum traffic noise level at the proposed development is 75 dB(A) as shown in Appendix 2.2. To address this road traffic noise exceedance on the noise sensitive uses, the following noise mitigation measures are proposed as design guideline for detailed typical layout development during detailed design stage. As OZP zoning of the Subject Site is Residential Group B, submission of the noise impact assessment for the detailed layout would be one of lease conditions.
- 2.7.2 Locations of the proposed noise mitigation measures for the road traffic noise impact assessment of Subject Site is shown in Figure 2.2.
  - Acoustic Window (Baffle Type) (AW(BT))
- 2.7.3 The baffle type acoustic window refers to the type of window that has a sliding glass panel behind an outer window, both readily openable, for creating an air gap for the supply of fresh air with noise mitigation effect. It comprises of two glazing
  - (i) the outer window system with side hung openable window; and
  - (ii) the inner sliding panel.
- 2.7.4 In accordance with the *Practice Note on Application of Innovative Noise Mitigation Designs in Planning Private Residential Developments against Road Traffic Noise Impact"* ("Practice Note") on Application of Acoustic Windows (Baffle Type) in Planning Residential Developments against Road Traffic Noise Impact, noise reduction of 6 dB(A) can be achieved when AW(BF) is adopted at the proposed NSRs.
  - Enhanced Acoustic Balcony (Baffle Type) (EAB(BT))
- 2.7.5 Enhanced Acoustic Balcony (EAB) is specially designed balcony which adopt a combination of mitigation measures to further enhance the noise reduction ability of balcony. In this proposed development, the EAB (Baffle Type) which mentioned in the Practice would be adopted when applicable.
- 2.7.6 Similar to the acoustic window (baffle type) mentioned in the Section 2.7.2 above, the noise reduction mechanism of EAB(BF) is to prevent noise directly enter into indoor environment.



- 2.7.7 With reference to the EPD's Practice Note on Application of EAB (BF) in Planning Residential Developments against Road Traffic Noise Impact, the provision of EAB can achieve a sound attenuation up to 8 dB(A).
- 2.7.8 In this assessment, the provision of AW(BF) or EAB (BF) would be recommended for all recommended development sites.
  - Fixed Glazing with/without Maintenance Window
- 2.7.9 For those window façades that are not necessary to serve ventilation purpose yet exposed to adverse road traffic noise, Fixed Glazing with/without Maintenance Window is proposed. The fixed glazing of not less than 8mm will be equipped with well gasketed maintenance window with a removable handle or key lock system to ensure the maintenance window remains locked except for cleaning and maintenance purpose.
- 2.8 Assessment Result under Mitigated Scenario
- 2.8.1 With the application of the noise mitigation measures, no noise exceedance is found at Subject Site, i.e. 100% compliance rate. The predicted road traffic noise impact on the selected NSRs under mitigated scenario is presented in Appendix 2.3. The presented predicted noise level after adopting the noise mitigation measures does not necessarily represent the noise level at 1m from the external façade, but the equivalent noise level at 1m from the external façade after accounting the reduction in noise level inside the room offered by the noise mitigation measures.
- 2.9 Conclusion
- 2.9.1 The assessment results indicate that the HKPSG road traffic noise standard can be met at all representative NSRs in the Proposed Developments with the application of the proposed mitigation measures. As OZP zoning of the Subject Site is Residential Group B, submission of the noise impact assessment for the detailed layout would be one of lease conditions.



# 3. INDUSTRIAL NOISE IMPACT ASSESSMENT

#### 3.1 Introduction

3.1.1 The aim of this study is to assess potential noise impacts on the Proposed Development arising from the existing and planned fixed noise sources. Practicable noise mitigation measures would be recommended where necessary.

#### 3.2 Assessment Criteria

- 3.2.1 In accordance with ProPECC PN4/93 "Planning and Design Noise Sensitive Developments", the design of the noise sensitive developments near noise sources such as railways and industrial premises are controlled under the Noise Control Ordinance (NCO). Reference has been made to the "Technical Memorandum For The Assessment Of Noise From Places Other Than Domestic Premises, Public Places Or Construction Sites" (IND-TM) issued under the NCO, the airborne noise shall comply with the Acceptable Noise Level (ANL), which depends on the Area Sensitive Rating (ASR).
- 3.2.2 According to the IND-TM, four (4) types of areas are defined and including: Rural Area, Low Density Residential Area, Urban Area and Area Other Than Those Above. The Subject Site is located in Teun Long area and considered not rural, low density residential or urban. No Influencing Factor (IF) is situated within 300m of the Application Site. Therefore, the NSRs of the Proposed Development are assigned with an ASR of "B". The corresponding Acceptable Noise Levels (ANLs), in Leq (30min) dB(A), during day & evening-time and night-time periods are shown in Table 3.1.

Table 3.1 Acceptable Noise Levels

Time Period	ANL (ASR of "B"), L <sub>eq (30min)</sub> dB(A)
Day (0700 to 1900 hours)	65
Evening (1900 to 2300 hours)	
Night (2300 to 0700 hours)	55

### 3.3 Industrial Noise Sources

3.3.1 According to the desktop study and site survey conducted in Sep 2023, there are some enclosed workshops located in the area. Residential premises in terms of village houses and middle-rise residential developments are also surrounding these enclosed workshops. Location of potential industrial noise sources in 300m assessment area is shown in Appendix 3.1 and summarized in Table 3.1 3.2



Table 3.2 Potential Industrial Noise Sources

Noise Source	Observations	Source I D
恆香蓮蓉廠	General Description and Characteristics  As observed from site surveys, the plant is enclosed without any opening at the top and sides. The main openings were located at the entrance / exit in front of Tai Shu Ha West Road.  Time Period of Operation  No daytime and night-time operation were being observed.	S1
Thai Restaurant	General Description and Characteristics  No Fixed Noise Sources were identified during the site visit.	S2
華記車房	General Description and Characteristics  As observed from site surveys, the plant is semi-enclosed by ceiling and side walls. The main openings were located at the entrance/exit in front of Tai Tong Road. There was no direct line of sight from the Subject Site.  Time Period of Operation  No night-time operation was being observed.	<b>S</b> 3
長江車房	General Description and Characteristics  As observed from site surveys, the plant is semi-enclosed by ceiling and side walls. The main openings were located at the entrance/exit in front of Tai Tong Road. There was no direct line of sight from the Subject Site.  Time Period of Operation  No night-time operation was being observed.	S4



PROPOSED MINOR RELAXATION OF PLOT RATIO RESTRICTION FOR PERMITTED FLAT AND PROPOSED SHOP AND SERVICES USES AT LOTS 4614 AND 4615 RP IN D.D. 116, LOTS 1753 S.B SS.3 (PART), 1753 S.B RP (PART), 1756 S.S (PART), 1756 RP (PART), 1758 RP AND 1760 RP IN D.D. 120, AND ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRITORIES

油樂園機油專門店	General Description and Characteristics  During the site surveys, the plant is semi-enclosed by ceiling and side walls. The main openings were located at the entrance/exit in front of Tai Kei Leng Road. There was no direct line of sight from the Subject Site.  Time Period of Operation  No night-time operation was being observed.	S5
JY workshop	General Description and Characteristics  During the site surveys, the plant is semi-enclosed by ceiling and side walls. The main openings were located at the entrance/exit in front of Tai Kei Leng Road. There was no direct line of sight from the Subject Site.  Time Period of Operation  No night-time operation was being observed	S6
萬昌五金建材禮修村倉	General Description and Characteristics  The plant was fully enclosed by ceiling and side walls, no activities were observed during site visit.  Time Period of Operation  No daytime and night-time operation were being observed	S7
光輝地板行	General Description and Characteristics  The plant was fully enclosed by ceiling and side walls, no activities were observed during site visit.  Time Period of Operation  No daytime and night-time operation were being observed.	S8
NEW EGAL MOTORS DEVELOPMENT	General Description and Characteristics  During the site surveys, the plant is Semi-enclosed by ceiling and side walls. The main openings were located at the entrance/exit in front of Tai Shu Ha East Road. There was no direct line of sight from the Subject Site.  Time Period of Operation  No night-time operation was being observed.	S9



PROPOSED MINOR RELAXATION OF PLOT RATIO RESTRICTION FOR PERMITTED FLAT AND PROPOSED SHOP AND SERVICES USES AT LOTS 4614 AND 4615 RP IN D.D. 116, LOTS 1753 S.B SS.3 (PART), 1753 S.B RP (PART), 1756 S.S (PART), 1756 RP (PART), 1758 RP AND 1760 RP IN D.D. 120, AND ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRITORIES

	General Description and Characteristics	
恆香蓮蓉廠	As observed from site surveys, the plant is enclosed without any opening at the top and sides. The main openings were located at the entrance / exit in front of Tai Shu Ha West Road.	S10
	Time Period of Operation	
	No daytime and night-time operation were being observed.	
	General Description and Characteristics	
Tai Sang Feeds Co., Ltd	As observed from site surveys, the plant is enclosed without any opening at the top and sides. The main openings were located at the entrance / exit in front of Tai Shu Ha West Road.	S11
	Time Period of Operation	
	No daytime and night-time operation were being observed.	



ADJOINING GOVERNMENT LAND, TAI KEI LENG, YUEN LONG, NEW TERRITORIES

- 3.4 Potential Fixed Noise Sources of Proposed Development
- 3.4.1 As per the Technical Memorandum on Environmental Impact Assessment Process, the following requirement are adopted as further specification to the noise criteria.
  - (1) 5 dB(A) below the appropriate ANLs in the IND-TM
  - (2) The prevailing background noise levels
- 3.4.2 More details of the proposed development shall be available during detailed design stage. Nevertheless, in order to ensure the fixed noise generated by the Proposed Development would not cause excessive impact to neighbouring noise sensitive uses, potential noise sources from the proposed development (e.g. plant room, the ventilation and air conditioning systems for the carpark, pump rooms, transformer rooms, lift machine room, emergency set rooms, etc.), will be designed to meet the relevant noise criteria as stipulated in the HKPSG.
- 3.4.3 Provisions shall be made to control the noise sources by suitable silencers, acoustic louvers and enclosures, if necessary. As such, it is anticipated that the fixed noise impact on the surrounding NSRs due to the operation of the Proposed Development will not exceed the relevant noise standard of the HKPSG.
- 3.5 Conclusion
- 3.5.1 Since the workshops in the vicinity are enclosed, i.e. the industrial activities are carried out at indoor, any noisy activities carried out due to the industrial activities would be shielded by the building structure. Thus, the Proposed Development is not subject to adverse fixed noise impact.
- 3.5.2 In order to avoid adverse noise impact of the future fixed noise sources onsite on the surrounding NSRs, the future contractor shall ensure that the equipment within the Proposed Development would be designed and installed to meet the HKPSG criteria and the NCO.



Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

### 4. OVERALL CONCLUSION

- 4.1.1 Environmental noise impacts on the Proposed Development have been appraised and quantitatively assessed.
- 4.1.2 The potential road traffic noise impact to the Proposed Development has been assessed. With the recommended noise mitigation measures in place (i.e., acoustic window (baffle type), enhanced acoustic balcony (baffle type) and fixed glazing with/without maintenance window), the Proposed Development would not be subject to adverse road traffic noise impact.
- 4.1.3 For Industrial Noise, according to the desktop study and site survey conducted in Sep 2023, there are some enclosed industrial workshops in the surroundings. Since the workshops in the vicinity are enclosed, i.e. the industrial activities are carried out at indoor, any noisy activities carried out due to the industrial activities would be shielded by the building structure. Thus, the Proposed Development is not subject to adverse fixed noise impact.

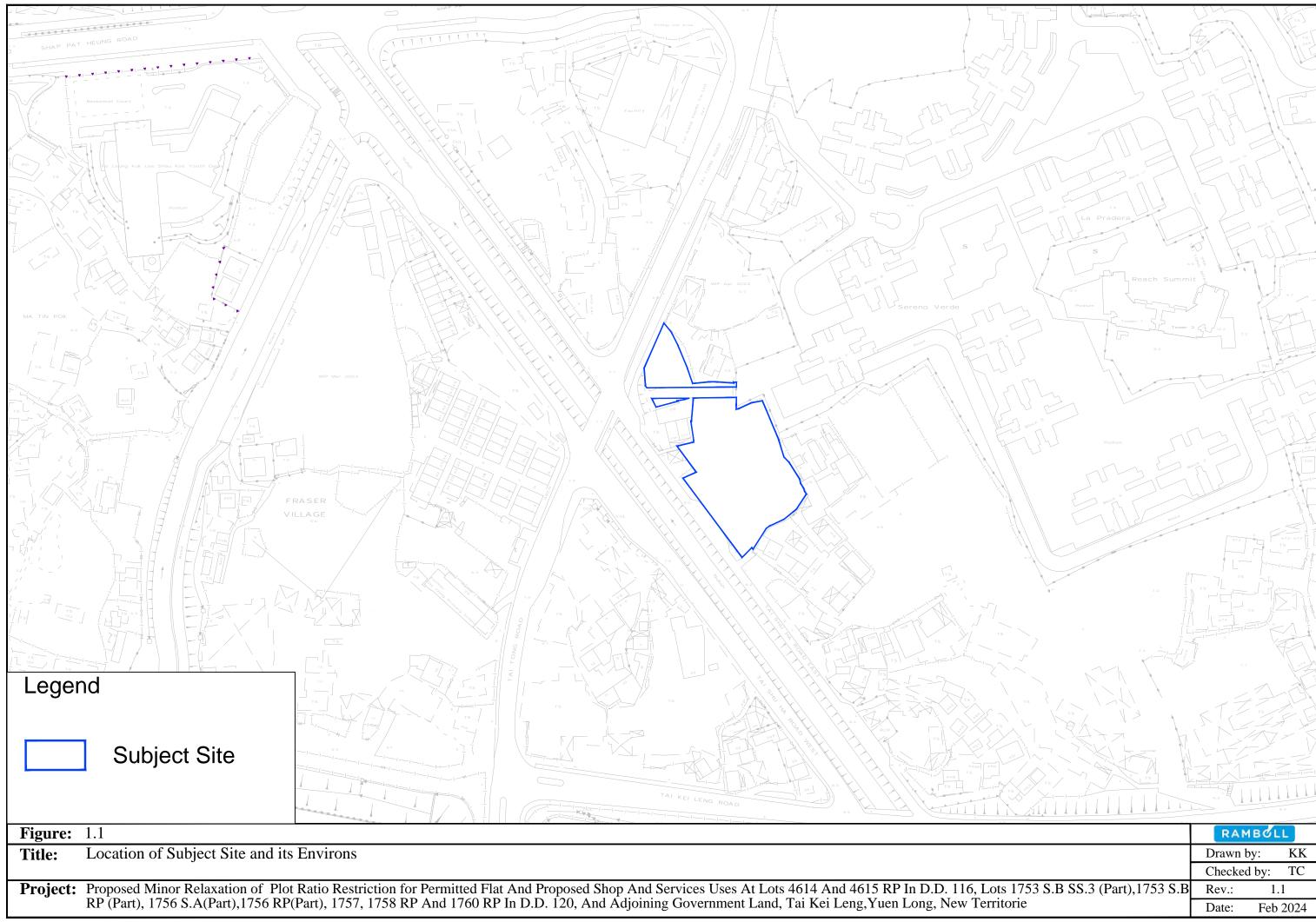
In addition, as the nature of the Proposed Development is for residential use only, there is no industrial activity allowed. The ventilation system will be designed to follow the recommendation in the HKPSG (acceptable noise level minus 5dB(A) or prevailing background whichever is lower) to ensure that there will not be any adverse fixed noise impact arising from its operation.

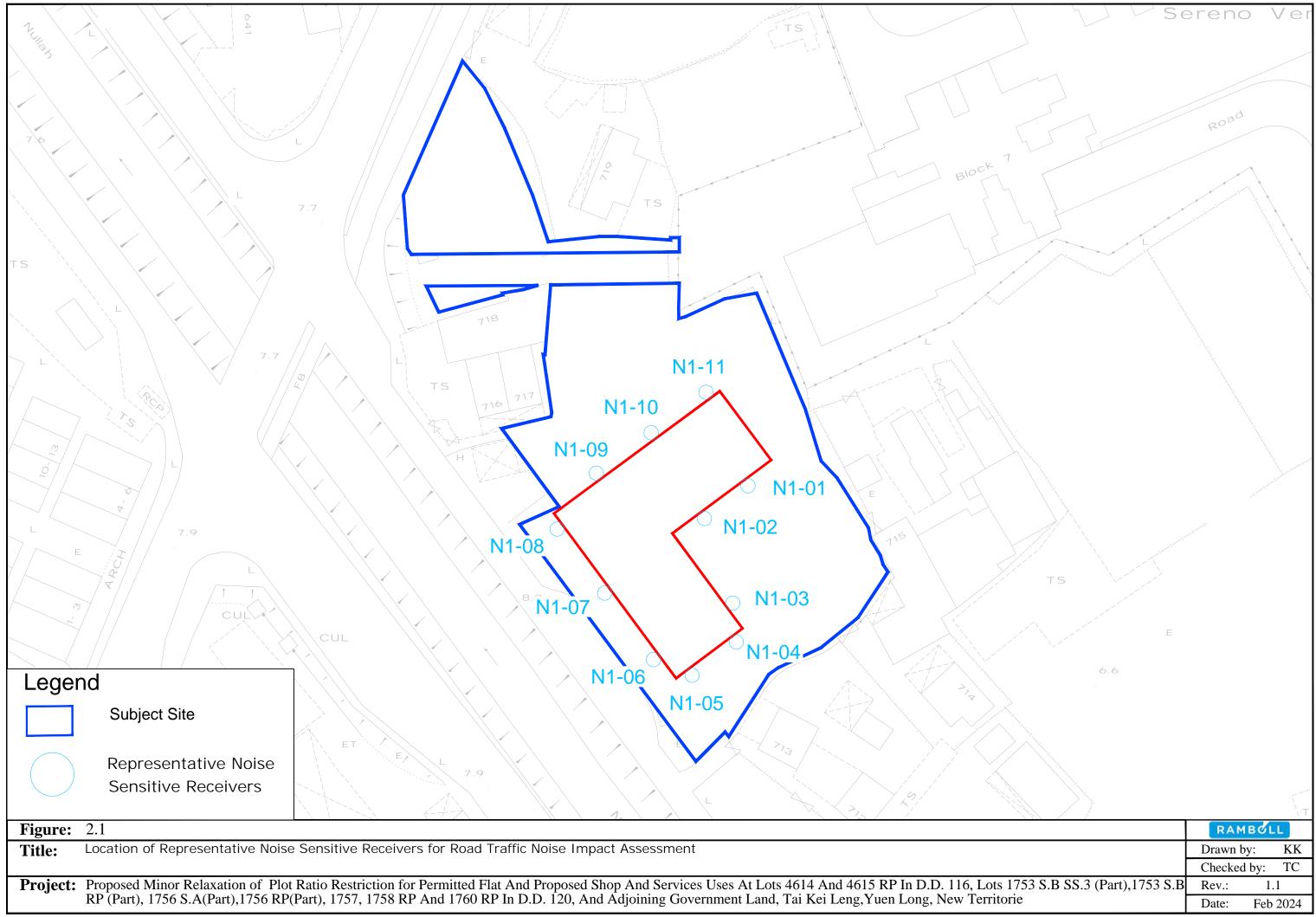


Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

Figures







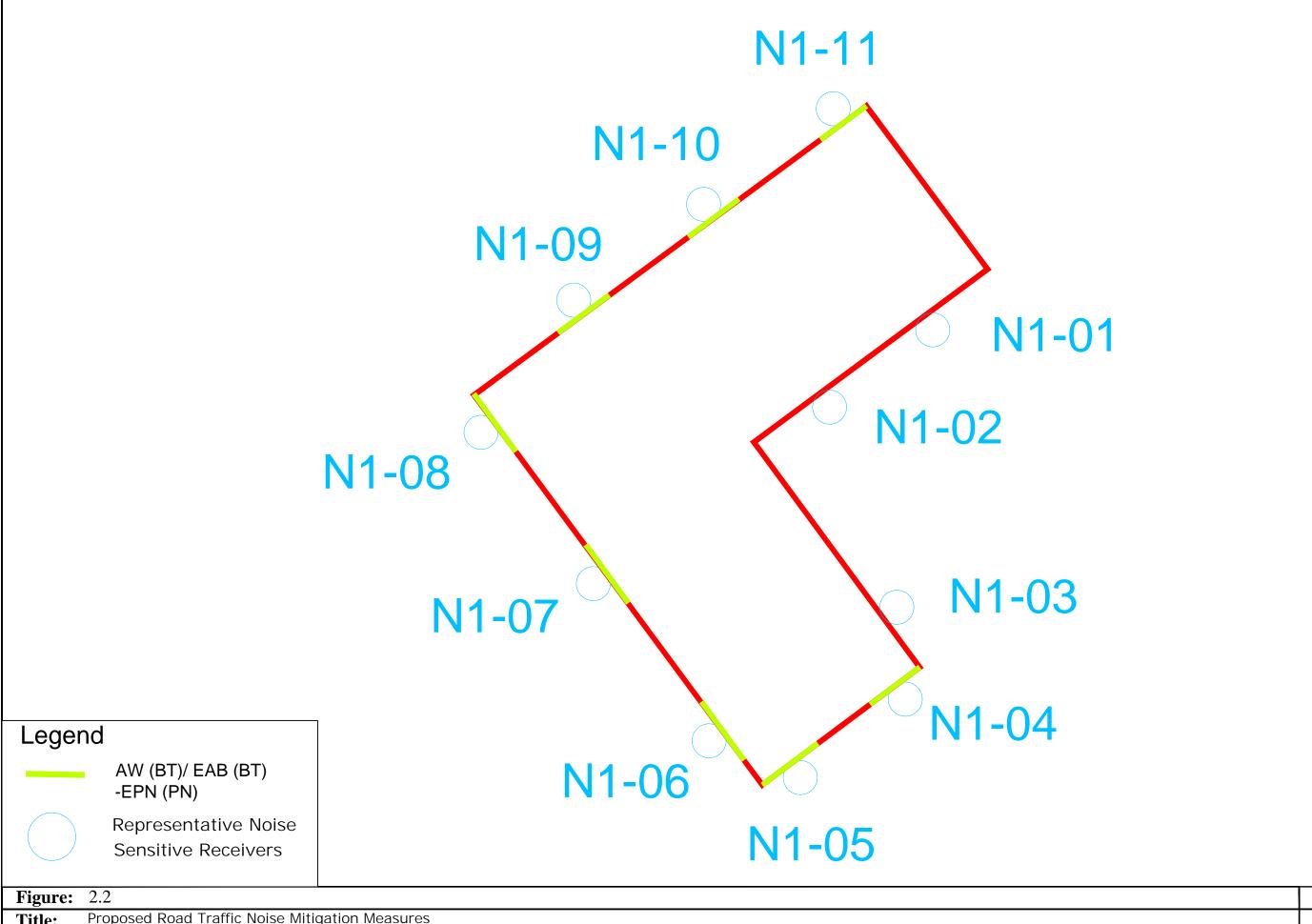


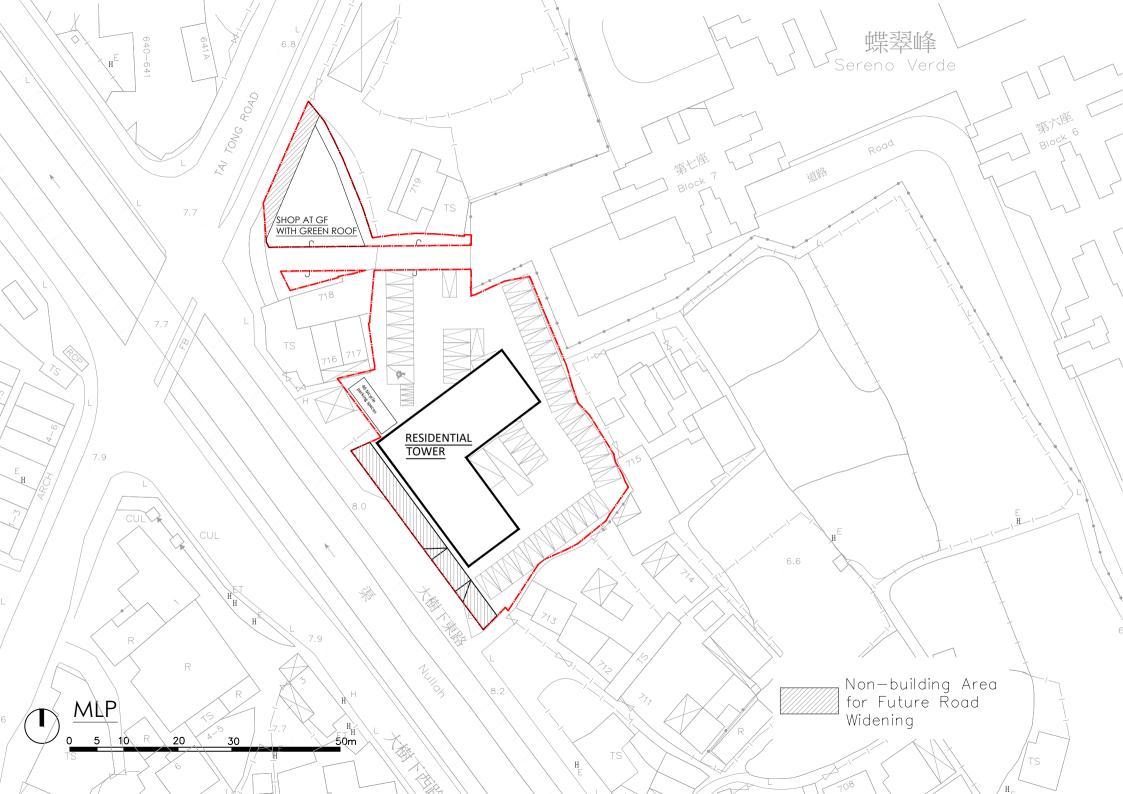
Figure:	2.2	RAM	BOLL
Title:	Proposed Road Traffic Noise Mitigation Measures	Drawn b	y: KK
		Checked	by: TC
Project	Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat And Proposed Shop And Services Uses At Lots 4614 And 4615 RP In D.D. 116, Lots 1753 S.B SS.3 (Part),1753 S.B	Rev.:	1.1
	RP (Part), 1756 S.A(Part), 1756 RP(Part), 1757, 1758 RP And 1760 RP In D.D. 120, And Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territorie	Date:	Feb 2024

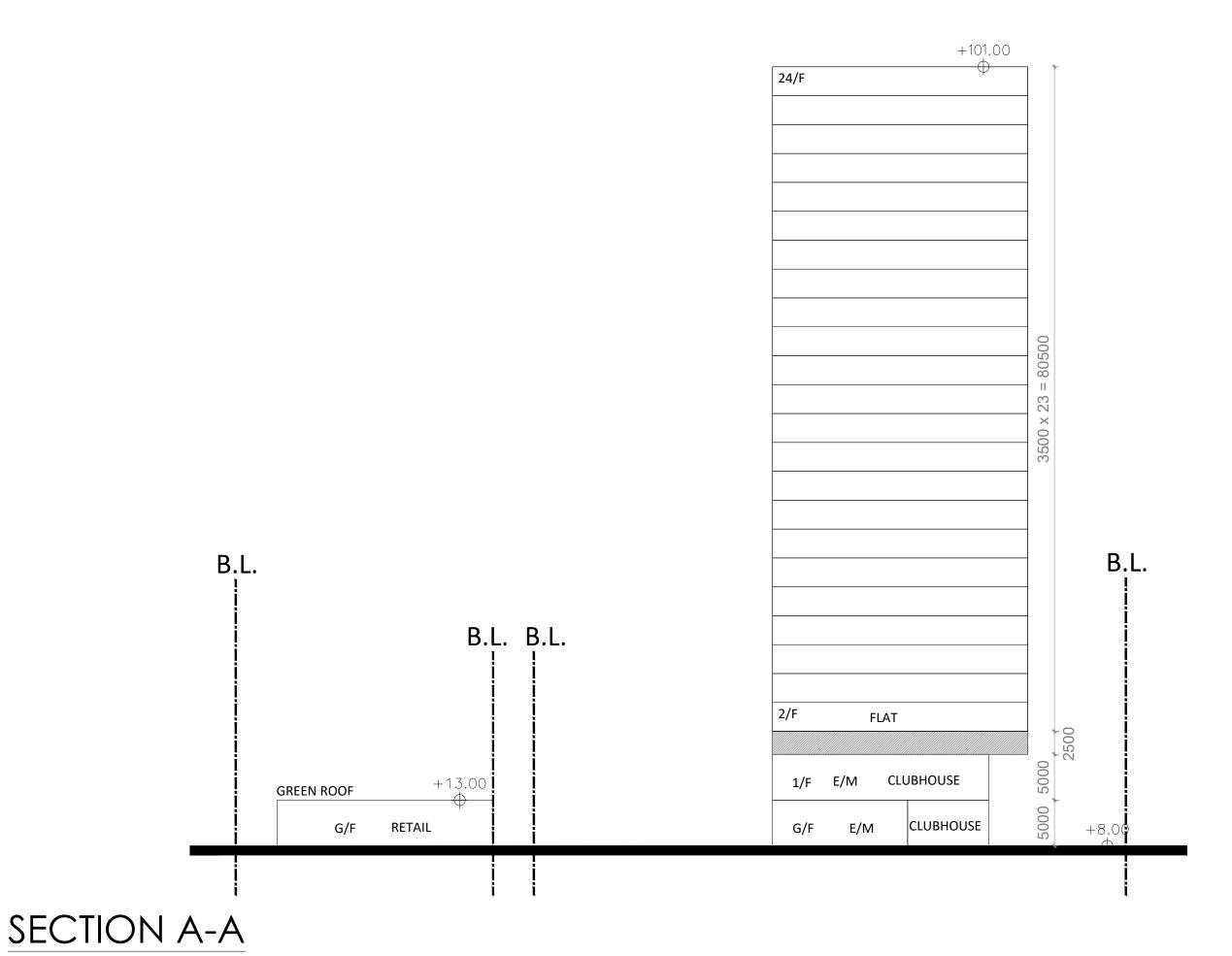
NIA Report

Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

Appendix 1.1 Master Layout Plans and Sections of the Proposed Development







NIA Report

Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

Appendix 2.1 Traffic Forecast of Year 2043



# TABLE E - PEAK HOUR TRAFFIC FLOW AND VEHICLE COMPOSITION

TABLE 1 - YEAR 2043 AM TRAFFIC FORECAST Date: 31 January 2024

TAB	BLE 1 - YEAR 2043 AM TR	1 - YEAR 2043 AM TRAFFIC FORECAST Date: 31 January 2024				
Link	Road	From	To	Al Al	/I Peak Ho	ur
ID	Section	Road	Road	Traffic	Vehicle	
		1.000	1.000	Flows	Composition	
1.004	Tai Oha Ha Daad Faat OD	Kin Hinn Dood	Oh B-t H B d	(veh/hr)	LV 70.50/	HV
	Tai Shu Ha Road East SB	Kiu Hing Road	Shap Pat Heung Road	200	79.5%	20.5%
	Tai Shu Ha Road West NB	Shap Pat Heung Road	Kiu Hing Road	50	23.1%	76.9%
	Shap Pat Heung Road EB	Kiu Hing Road	Tai Shu Ha Road West	600	72.5%	27.5%
	Shap Pat Heung Road WB	Tai Shu Ha Road West	Kiu Hing Road	400	74.5%	25.5%
	Shap Pat Heung Road EB	Tai Shu Ha Road West	Tai Shu Ha Road East	650	71.4%	28.6%
	Shap Pat Heung Road WB	Tai Shu Ha Road East	Tai Shu Ha Road West	350	72.8%	27.2%
	Shap Pat Heung Road EB	Tai Shu Ha Road East	Tai Tong Road	800	73.5%	26.5%
	Shap Pat Heung Road WB	Tai Tong Road	Tai Shu Ha Road East	350	68.3%	31.7%
	Tai Tong Road NB	Shap Pat Heung Road	Ma Tong Road	650	69.3%	30.7%
	Tai Tong Road SB	Ma Tong Road	Shap Pat Heung Road	400	70.5%	29.5%
	Shap Pat Heung Road EB	Tai Tong Road	Fung Ki Road	850	80.0%	20.0%
	Shap Pat Heung Road WB	Fung Ki Road	Tai Tong Road	650	76.2%	23.8%
	Tai Shu Ha Road West NB	Unnamed Road	Shap Pat Heung Road	200	70.7%	29.3%
	Tai Shu Ha Road West SB	Shap Pat Heung Road	Unnamed Road	50	85.2%	14.8%
	Unnamed Road NB	End of Unnamed Road	Tai Shu Ha Road West	50	100.0%	0.0%
	Unnamed Road SB	Tai Shu Ha Road West	End of Unnamed Road	50	83.3%	16.7%
	Unnamed Road NB	End of Unnamed Road	Tai Shu Ha Road West	50	80.0%	20.0%
	Unnamed Road SB	Tai Shu Ha Road West	End of Unnamed Road	50	83.3%	16.7%
	Tai Shu Ha Road West NB	Unnamed Road	Unnamed Road	200	69.2%	30.8%
L020	Tai Shu Ha Road West NB	Tai Tong Road	Unnamed Road	200	69.2%	30.8%
L021		Unnamed Road	Tai Tong Road	0	0.0%	0.0%
L022		Shap Pat Heung Road	Tai Tong Road	150	65.1%	34.9%
L023	Tai Tong Road NB	Tai Shu Ha Road East	Shap Pat Heung Road	350	72.9%	27.1%
L024		Shap Pat Heung Road	Tai Shu Ha Road East	350	68.3%	31.7%
L025	Tai Tong Road NB	Tai Shu Ha Road West	Tai Shu Ha Road East	350	74.0%	26.0%
L026		Tai Shu Ha Road East	Tai Shu Ha Road West	250	66.5%	33.5%
L027	Tai Tong Road NB	Tai Kei Leng Road	Tai Shu Ha Road West	350	75.7%	24.3%
L028	Tai Tong Road SB	Tai Shu Ha Road West	Tai Kei Leng Road	200	63.1%	36.9%
L029	Tai Shu Ha Road West NB	Tai Kei Leng Road	Tai Tong Road	200	63.9%	36.1%
L030	Tai Shu Ha Road West SB	Tai Tong Road	Tai Kei Leng Road	50	75.7%	24.3%
L031	Tai Shu Ha Road East SB	Tai Tong Road	Tai Kei Leng Road	250	69.9%	30.1%
	Tai Kei Leng Road EB	Tai Tong Road	Tai Shu Ha Road West	550	68.4%	31.6%
	Tai Kei Leng Road WB	Tai Shu Ha Road West	Tai Tong Road	200	73.2%	26.8%
	Tai Kei Leng Road EB	Tai Shu Ha Road East	Shap Pat Heung Road	1,050	75.4%	24.6%
L035	Tai Kei Leng Road WB	Shap Pat Heung Road	Tai Shu Ha Road East	600	74.0%	26.0%
	Tai Tong Road NB	Road L1	Tai Kei Leng Road	750	71.4%	28.6%
L037		Tai Kei Leng Road	Road L1	250	67.5%	32.5%
	Tai Shu Ha Road West NB	Long Ho Road	Tai Kei Leng Road	650	74.5%	25.5%
	Tai Shu Ha Road East SB	Tai Kei Leng Road	Long Ho Road	550	69.4%	30.6%
	Road L1 EB	Kiu Hing Road	Tai Tong Road	300	80.2%	19.8%
	Road L1 WB	Tai Tong Road	Kiu Hing Road	200	81.6%	18.4%
	Road L1 EB	Tai Tong Road	Tai Shu Ha Road West	150	85.5%	14.5%
	Road L1 WB	Tai Shu Ha Road West	Tai Tong Road	200	81.4%	18.6%
	Long Ho Road EB	Tai Shu Ha Road East	Connection Bridge	250	72.2%	27.8%
	Long Ho Road WB	Connection Bridge	Tai Shu Ha Road East	350	76.2%	23.8%
	Sham Chung Tsuen Road EB	End of Sham Chung Tsuen Road	Tai Tong Road	50	78.1%	21.9%
	Sham Chung Tsuen Road WB	Tai Tong Road	End of Sham Chung Tsuen Road	50	83.3%	16.7%
	Tai Tong Road NB	Sham Chung Tsuen Road	Road L1	600	70.4%	29.6%
	Tai Tong Road SB	Road L1	Sham Chung Tsuen Road	250	66.9%	33.1%
L050	·	Sham Chung Road	Sham Chung Tsuen Road	550	69.9%	30.1%
L051	<u> </u>	Sham Chung Tsuen Road	Sham Chung Road	250	66.4%	33.6%
	Shung Ching Road EB	End of Shung Ching Road	Tai Shu Ha Road West	50	83.3%	16.7%
	Shung Ching Road WB	Tai Shu Ha Road West		50		
	<u> </u>	Shung Ching Road	End of Shung Ching Road		100.0%	0.0%
L054		<u> </u>	Long Ho Road	450 450	70.7%	29.3%
L055		Long Ho Road	Shung Ching Road	450	70.0%	30.0%
L056		Tai Shu Ha Road East	Shung Ching Road	450	70.5%	29.5%
L057		Shung Ching Road	Tai Shu Ha Road East	450	69.7%	30.3%
L058		Tong Yan San Tsuen Interchange	Shap Pat Heung Interchange	5,100	64.5%	35.5%
L059		Shap Pat Heung Interchange	Tong Yan San Tsuen Interchange	5,100	67.1%	32.9%
L060	Tai Shu Ha Road West SB	Tai Kei Leng Road	Long Ho Road	50	72.7%	27.3%

Note: "LV" includes motorcycle, private car and taxi

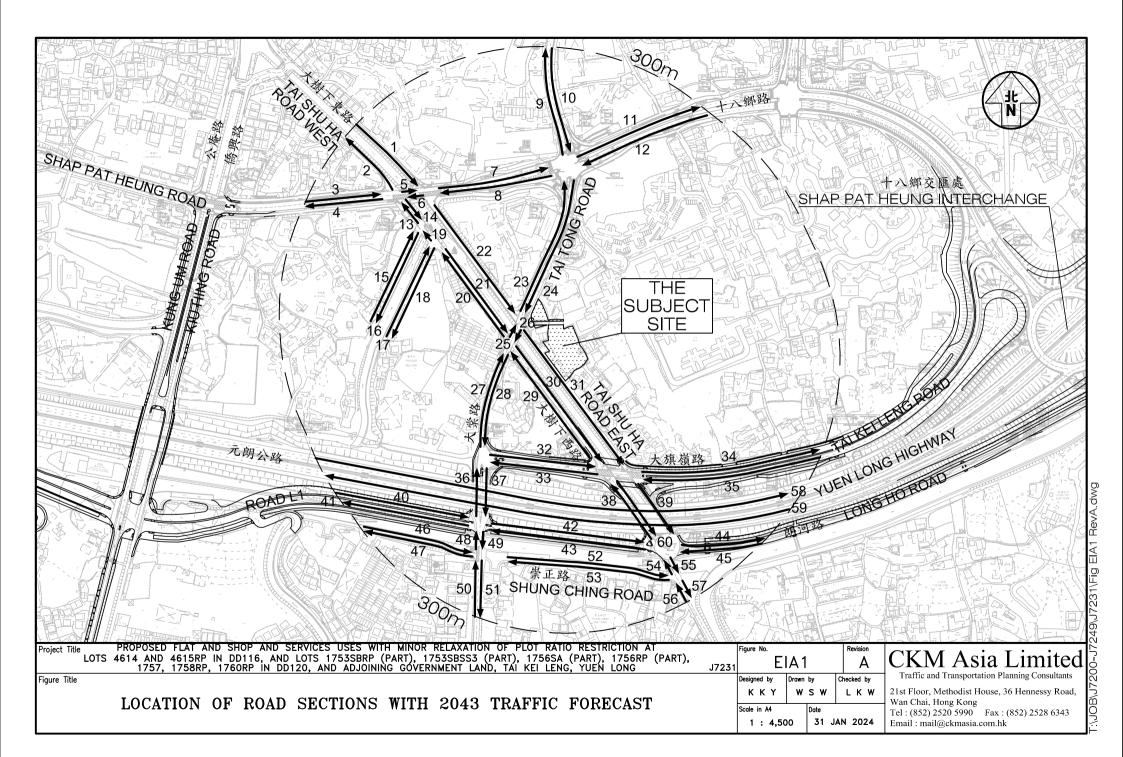
<sup>&</sup>quot;HV" includes light / medium / heavy goods vehicle, public / private light bus, non-franchised bus and franchised bus

# TABLE E - PEAK HOUR TRAFFIC FLOW AND VEHICLE COMPOSITION

Link	LE 2 - YEAR 2043 PM TR	From	Date: 31 January 2024 To	Job No.: J' PM Peak Hour			
ID	Section	Road	Road	Traffic Vehicle			
	000.1011	11000	rtodd	Flows	Composition		
				(veh/hr)	LV	HV	
I 001	Tai Shu Ha Road East SB	Kiu Hing Road	Shap Pat Heung Road	300	84.2%	15.8%	
	Tai Shu Ha Road West NB	Shap Pat Heung Road	Kiu Hing Road	50	90.0%	10.0%	
	Shap Pat Heung Road EB	Kiu Hing Road	Tai Shu Ha Road West	450	69.7%	30.3%	
	Shap Pat Heung Road WB	Tai Shu Ha Road West	Kiu Hing Road	350	69.7%	30.3%	
	Shap Pat Heung Road EB	Tai Shu Ha Road West	Tai Shu Ha Road East	500	68.3%	31.7%	
	Shap Pat Heung Road WB	Tai Shu Ha Road East	Tai Shu Ha Road West	350	68.0%	32.0%	
	Shap Pat Heung Road EB	Tai Shu Ha Road East	Tai Tong Road	600	71.5%	28.5%	
L008	Shap Pat Heung Road WB	Tai Tong Road	Tai Shu Ha Road East	350	66.0%	34.0%	
L009	Tai Tong Road NB	Shap Pat Heung Road	Ma Tong Road	500	73.3%	26.7%	
L010	Tai Tong Road SB	Ma Tong Road	Shap Pat Heung Road	450	70.4%	29.6%	
L011	Shap Pat Heung Road EB	Tai Tong Road	Fung Ki Road	700	74.5%	25.5%	
L012	Shap Pat Heung Road WB	Fung Ki Road	Tai Tong Road	650	72.0%	28.0%	
	Tai Shu Ha Road West NB	Unnamed Road	Shap Pat Heung Road	150	75.9%	24.1%	
	Tai Shu Ha Road West SB	Shap Pat Heung Road	Unnamed Road	50	83.9%	16.1%	
	Unnamed Road NB	End of Unnamed Road	Tai Shu Ha Road West	50	50.0%	50.0%	
	Unnamed Road SB	Tai Shu Ha Road West	End of Unnamed Road	50	76.9%	23.1%	
	Unnamed Road NB	End of Unnamed Road	Tai Shu Ha Road West	50	100.0%	0.0%	
	Unnamed Road SB	Tai Shu Ha Road West	End of Unnamed Road	50	83.3%	16.7%	
	Tai Shu Ha Road West NB	Unnamed Road	Unnamed Road	150	74.5%	25.5%	
	Tai Shu Ha Road West NB	Tai Tong Road Unnamed Road	Unnamed Road	150	74.3%	25.7%	
	Tai Shu Ha Road West SB Tai Shu Ha Road East SB	Shap Pat Heung Road	Tai Tong Road	300	0.0%	0.0%	
	Tai Tong Road NB	Tai Shu Ha Road East	Tai Tong Road Shap Pat Heung Road	300	80.2% 72.7%	19.8% 27.3%	
	Tai Tong Road NB	Shap Pat Heung Road	Tai Shu Ha Road East	400	66.4%	33.6%	
	Tai Tong Road NB	Tai Shu Ha Road West	Tai Shu Ha Road East	300	73.3%	26.7%	
	Tai Tong Road SB	Tai Shu Ha Road East	Tai Shu Ha Road West	350	70.1%	29.9%	
	Tai Tong Road NB	Tai Kei Leng Road	Tai Shu Ha Road West	200	71.3%	28.7%	
	Tai Tong Road SB	Tai Shu Ha Road West	Tai Kei Leng Road	350	67.2%	32.8%	
	Tai Shu Ha Road West NB	Tai Kei Leng Road	Tai Tong Road	200	74.3%	25.7%	
	Tai Shu Ha Road West SB	Tai Tong Road	Tai Kei Leng Road	50	86.1%	13.9%	
	Tai Shu Ha Road East SB	Tai Tong Road	Tai Kei Leng Road	300	74.9%	25.1%	
L032	Tai Kei Leng Road EB	Tai Tong Road	Tai Shu Ha Road West	450	78.3%	21.7%	
L033	Tai Kei Leng Road WB	Tai Shu Ha Road West	Tai Tong Road	400	78.5%	21.5%	
L034	Tai Kei Leng Road EB	Tai Shu Ha Road East	Shap Pat Heung Road	950	81.6%	18.4%	
L035	Tai Kei Leng Road WB	Shap Pat Heung Road	Tai Shu Ha Road East	850	80.3%	19.7%	
	Tai Tong Road NB	Road L1	Tai Kei Leng Road	600	76.7%	23.3%	
	Tai Tong Road SB	Tai Kei Leng Road	Road L1	650	73.3%	26.7%	
	Tai Shu Ha Road West NB	Long Ho Road	Tai Kei Leng Road	700	80.3%	19.7%	
	Tai Shu Ha Road East SB	Tai Kei Leng Road	Long Ho Road	800	77.8%	22.2%	
	Road L1 EB	Kiu Hing Road	Tai Tong Road	200	79.2%	20.8%	
	Road L1 WB	Tai Tong Road	Kiu Hing Road	150	79.2%	20.8%	
	Road L1 EB	Tai Tong Road	Tai Shu Ha Road West	100	88.1%	11.9%	
	Road L1 WB	Tai Shu Ha Road West	Tai Tong Road	150	78.6% 74.2%	21.4% 25.8%	
	Long Ho Road EB	Tai Shu Ha Road East	Connection Bridge	250	. ::170		
	Long Ho Road WB Sham Chung Tsuen Road EB	Connection Bridge End of Sham Chung Tsuen Road	Tai Shu Ha Road East Tai Tong Road	350 50	83.3% 77.3%	16.7% 22.7%	
	Sham Chung Tsuen Road EB Sham Chung Tsuen Road WB	Tai Tong Road	End of Sham Chung Tsuen Road	50	76.3%	23.7%	
	Tai Tong Road NB	Sham Chung Tsuen Road	Road L1	500	77.8%	22.2%	
	Tai Tong Road NB	Road L1	Sham Chung Tsuen Road	600	73.0%	27.0%	
	Tai Tong Road NB	Sham Chung Road	Sham Chung Tsuen Road	450	77.6%	22.4%	
	Tai Tong Road SB	Sham Chung Tsuen Road	Sham Chung Road	600	73.0%	27.0%	
	Shung Ching Road EB	End of Shung Ching Road	Tai Shu Ha Road West	50	100.0%	0.0%	
	Shung Ching Road WB	Tai Shu Ha Road West	End of Shung Ching Road	50	76.2%	23.8%	
	Tai Shu Ha Road West NB	Shung Ching Road	Long Ho Road	550	78.0%	22.0%	
	Tai Shu Ha Road East SB	Long Ho Road	Shung Ching Road	700	80.5%	19.5%	
	Tai Shu Ha Road West NB	Tai Shu Ha Road East	Shung Ching Road	550	77.1%	22.9%	
	Tai Shu Ha Road East SB	Shung Ching Road	Tai Shu Ha Road East	700	80.4%	19.6%	
	Yuen Long Highway EB	Tong Yan San Tsuen Interchange	Shap Pat Heung Interchange	5,100	74.1%	25.9%	
L059	Yuen Long Highway WB	Shap Pat Heung Interchange	Tong Yan San Tsuen Interchange	5,100	72.3%	27.7%	
	Tai Shu Ha Road West SB	Tai Kei Leng Road	Long Ho Road	50	88.9%	11.1%	
_							

Note: "LV" includes motorcycle, private car and taxi

<sup>&</sup>quot;HV" includes light / medium / heavy goods vehicle, public / private light bus, non-franchised bus and franchised bus



NIA Report

Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

Appendix 2.2 Road Traffic Noise I mpact Assessment Result (Base Case)



Predicted Road Traffic Noise (L10, dB(A)) at Representative Noise Assessment Points (NAPs) (AM Peak) Base Case

Floor	mPD	N1-01	N1-02	N1-03	N1-04	N1-05	N1-06	N1-07	N1-08	N1-09	N1-10	N1-11
2	20.5	66	65	65	71	72	74	74	75	72	71	71
3	24	66	64	65	71	72	74	74	74	72	71	71
4	27.5	66	64	65	71	72	74	74	74	72	71	70
5	31	66	64	65	70	71	73	73	74	72	71	70
6	34.5	66	64	64	70	71	73	73	73	71	71	70
7	38	66	64	64	70	71	73	73	73	71	71	70
8	41.5	66	64	64	70	71	72	72	73	71	71	70
9	45	66	64	64	70	71	72	72	73	71	70	70
10	48.5	66	64	65	70	71	72	72	72	71	70	70
11	52	66	65	65	70	71	72	72	72	71	70	70
12	55.5	67	65	66	70	71	72	72	72	70	70	70
13	59	67	66	66	71	71	72	71	72	70	70	70
14	62.5	68	66	66	71	72	72	71	72	70	70	70
15	66	68	66	66	71	72	72	71	72	70	70	69
16	69.5	68	66	67	72	72	72	71	71	70	70	69
17	73	68	66	67	72	72	72	71	71	70	69	69
18	76.5	68	67	67	72	72	72	71	71	70	69	69
19	80	68	67	67	72	72	72	71	71	70	69	69
20	83.5	68	67	67	72	72	72	71	71	69	69	69
21	87	68	67	67	72	72	72	71	71	69	69	69
22	90.5	68	67	67	72	72	72	71	71	69	69	69
23	94	69	67	67	72	73	72	71	71	69	69	69
24	97.5	69	67	67	72	73	72	71	71	69	69	69
	·	0	0	0	15	23	23	23	23	10	7	2
M	ax	69	67	67	72	73	74	74	75	72	71	71
Excee	dance	0	0	0	15	23	23	23	23	10	7	2

No. of Flats:	253
No. of Units with Exceedance:	126
Compliance Level:	50%
Max. Noise Level:	75

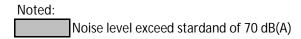
Noted:

Noise level exceed stardand of 70 dB(A)

Predicted Road Traffic Noise (L10, dB(A)) at Representative Noise Assessment Points (NAPs) (PM Peak) Base Case

Floor	mPD	N1-01	N1-02	N1-03	N1-04	N1-05	N1-06	N1-07	N1-08	N1-09	N1-10	N1-11
2	20.5	66	64	65	71	72	74	74	74	72	71	70
3	24	66	64	64	70	72	74	74	74	72	71	70
4	27.5	66	64	64	70	71	73	73	74	72	71	70
5	31	66	64	64	70	71	73	73	73	71	71	70
6	34.5	66	64	64	70	71	73	73	73	71	71	70
7	38	66	64	64	70	71	72	72	73	71	71	70
8	41.5	65	64	64	70	70	72	72	73	71	70	70
9	45	65	64	64	69	70	72	72	72	71	70	70
10	48.5	65	64	64	69	70	72	72	72	71	70	70
11	52	65	64	64	69	70	72	72	72	70	70	70
12	55.5	66	64	65	70	70	71	71	72	70	70	70
13	59	66	65	65	70	70	71	71	72	70	70	70
14	62.5	67	65	65	70	71	71	71	72	70	70	69
15	66	67	65	66	70	71	71	71	71	70	70	69
16	69.5	67	65	66	71	71	71	71	71	70	69	69
17	73	67	66	66	71	71	71	71	71	70	69	69
18	76.5	67	66	66	71	71	71	71	71	69	69	69
19	80	67	66	66	71	71	71	71	71	69	69	69
20	83.5	67	66	66	71	71	71	70	71	69	69	69
21	87	67	66	66	71	71	71	70	71	69	69	69
22	90.5	68	66	66	71	72	71	70	71	69	69	69
23	94	68	66	66	71	72	71	70	70	69	69	69
24	97.5	68	66	66	71	72	71	70	70	69	69	68
		0	0	0	10	17	23	18	21	9	6	0
Max		68	66	66	71	72	74	74	74	72	71	70
Excee	dance	0	0	0	10	17	23	18	21	9	6	0

No. of Flats:	253
No. of Units with Exceedance:	104
Compliance Level:	10%
Max. Noise Level:	74



NIA Report

Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

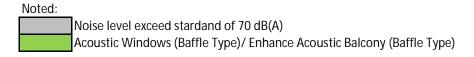
Appendix 2.3 Road Traffic Noise Impact Assessment Result (Mitigated Case)



Predicted Road Traffic Noise (L10, dB(A)) at Representative Noise Assessment Points (NAPs) Mitigated Case

Floor	mPD	N1-01	N1-02	N1-03	N1-04	N1-05	N1-06	N1-07	N1-08	N1-09	N1-10	N1-11
2	20.5	66	64	65	70	70	70	70	70	70	70	70
3	24	66	64	64	70	70	70	70	70	70	70	70
4	27.5	66	64	64	70	70	70	70	70	70	70	70
5	31	66	64	64	70	70	70	70	70	70	70	70
6	34.5	66	64	64	70	70	70	70	70	70	70	70
7	38	66	64	64	70	70	70	70	70	70	70	70
8	41.5	65	64	64	70	70	70	70	70	70	70	70
9	45	65	64	64	70	70	70	70	70	70	70	70
10	48.5	65	64	64	70	70	70	70	70	70	70	70
11	52	65	64	64	70	70	70	70	70	70	70	70
12	55.5	66	64	65	70	70	70	70	70	70	70	70
13	59	66	65	65	70	70	70	70	70	70	70	70
14	62.5	67	65	65	70	70	70	70	70	70	70	69
15	66	67	65	66	70	70	70	70	70	70	70	69
16	69.5	67	65	66	70	70	70	70	70	70	69	69
17	73	67	66	66	70	70	70	70	70	70	69	69
18	76.5	67	66	66	70	70	70	70	70	69	69	69
19	80	67	66	66	70	70	70	70	70	69	69	69
20	83.5	67	66	66	70	70	70	70	70	69	69	69
21	87	67	66	66	70	70	70	70	70	69	69	69
22	90.5	68	66	66	70	70	70	70	70	69	69	69
23	94	68	66	66	70	70	70	70	70	69	69	69
24	97.5	68	66	66	70	70	70	70	70	69	69	68
		0	0	0	0	0	0	0	0	0	0	0
М	ax	68	66	66	70	70	70	70	70	70	70	70
Excee	dance	0	0	0	0	0	0	0	0	0	0	0

No. of Flats:	253
No. of Units with Exceedance:	0
Compliance Level:	100%
Max. Noise Level:	70

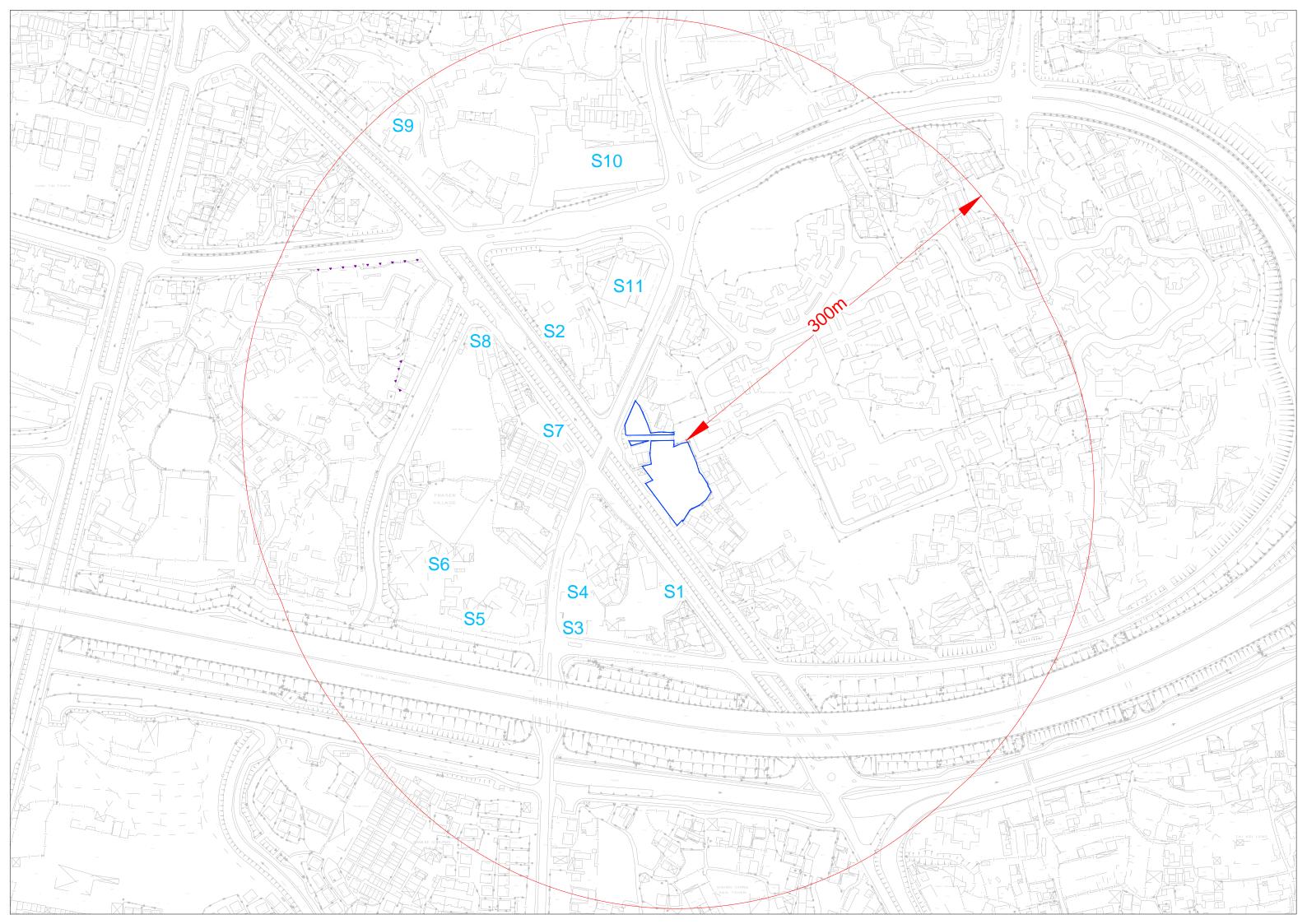




Proposed Minor Relaxation of Plot Ratio Restriction for Permitted Flat and Proposed Shop and Services Uses at Lots 4614 and 4615 RP in D.D. 116, Lots 1753 S.B SS.3 (Part), 1753 S.B RP (Part), 1756 S.S (Part), 1756 RP (Part), 1757, 1758 RP and 1760 RP in D.D. 120, and Adjoining Government Land, Tai Kei Leng, Yuen Long, New Territories

Appendix 3.1 Location of Potential Industrial Noise Sources within 300m Assessment Area







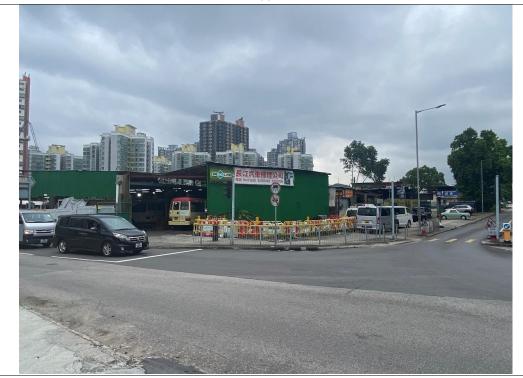
**S**1



S2



\$3



S4



**S**5



\$6



**S7** 



S8





