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**Appendix D –  
Environmental Review**

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Prepared for

**Faith Luck Corporation Limited and Win Million International Limited**

Prepared by

**Ramboll Hong Kong Limited**

**SECTION 16 PLANNING APPLICATION FOR PROPOSED  
MINOR RELAXATION OF PLOT RATIO AND BUILDING  
HEIGHT RESTRICTIONS FOR PERMITTED FLAT  
DEVELOPMENT WITH SOCIAL WELFARE FACILITY AND  
PUBLIC VEHICLE PARK (PROPOSED AMENDMENTS TO AN  
APPROVED SCHEME UNDER APPLICATION NO. A/FSS/294)  
AT VARIOUS LOTS IN D.D. 51 AND ADJOINING  
GOVERNMENT LAND AT MA SIK ROAD, FANLING**

**ENVIRONMENTAL REVIEW**

Date **August 2026**

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Signed \_\_\_\_\_

Approved by **Billy Fan**  
**Principal Consultant**



Signed \_\_\_\_\_

Project Reference **TSLFLMSREI00**

Document No. **R10238\_v1.0**

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## 1. INTRODUCTION

### 1.1 Background and Objectives

- 1.1.1 A residential development with Social Welfare Facility and Public Vehicle Park is proposed at various lots in D.D. 51, Fanling, New Territories. The Application site is zoned "Residential (Group A)12" ("R(A)12") under the Approved Fanling/Sheung Shui Outline Zoning Plan No. S/FSS/28.
- 1.1.2 A Section 16 (S16) planning application (No. A/FSS/294) was submitted by the Applicant to the Town Planning Board (TPB) for minor relaxation of plot ratio and building height restrictions for the proposed development at the Application Site. Technical assessments including environmental assessment (EA) were prepared for the S16 planning application (No. A/FSS/294), air quality, road traffic noise, fixed noise, water quality impacts and waste management were addressed. The application was approved in June 2024.
- 1.1.3 Recently, due to further development of the design, further amendment to the Approved Scheme under the approved S16 planning application (No. A/FSS/294) is considered necessary. The current application proposes amendments to the Approved Scheme to provide carpark on G/F and 1/F, while maintaining all other major development parameters, including GFA, plot ratio, and the number of residential units, unchanged from those of the Approved Scheme.
- 1.1.4 Ramboll Hong Kong Limited has been commissioned by Faith Luck Corporation Limited and Win Million International Limited (hereinafter referred as "Applicant") and is responsible for preparing this Environmental Review (ER) in support of the above-mentioned S16 Planning Application for the proposed development at the Application Site to TPB.

### 1.2 Application Site and its Environs

- 1.2.1 The Application Site area is about 13,232 m<sup>2</sup>. The Application Site is bounded by Ma Sik Road to the north and Fan Leng Lau Road to the east. Good View New Village is located to the northwest of the Application Site, while Wing Fok Centre, Fan Leng Lau Road Playground, Union Plaza and Mount One located at the east to southeast of the Application Site. To the south of the Application Site is the high-rise buildings of Fan Garden Government Police Married Quarters.
- 1.2.2 **Figure 1-1** shows the location of the Application Site and its environs.

### 1.3 Existing Site Condition

- 1.3.1 The Application Site is currently used as a temporary open car park, together with a small number of temporary structures & planting, which is consistent with the site condition in Year 2024.

### 1.4 Proposed Development Scheme

- 1.4.1 The proposed development scheme is designed to include 5 residential blocks (T1 to T5) with 1,898 nos. of flats and with maximum building height of +141.00mPD (33 to 37 storeys). Clubhouses are located underneath at Tower 1 & Tower 2 and social welfare facility (i.e. the NEC and RCHE) are underneath at Tower 1. Carpark are located on G/F and 1/F. The locations of the 5 residential blocks under the proposed development scheme would remain unchanged (from those under the Approved Scheme, i.e. the blocks would be positioned at the locations as previously approved).

Carpark would be accommodated on G/F and 1/F. The tentative intake year of the proposed development is 2029, which is consistent with that assumed under the Approved Scheme.

1.4.2 **Appendix 1-1** shows the tentative Master Layout Plan of the proposed development.

## 2. APPRAISAL OF ENVIRONMENTAL IMPACT

### 2.1 Air Quality Impact

#### *Vehicular Emission*

- 2.1.1 The design of the proposed development scheme will follow the Approved Scheme. Therefore, sufficient buffer distances as required in the table 3.1 of the Chapter 9 of the Hong Kong Planning Standard and Guidelines (HKPSG) are provided between the road network and the building blocks and other air sensitive uses of the proposed development. The buffer distances from Ma Sik Road and Fan Leng Lau Road to the proposed development of the Application Site are shown in **Figure 2-1**.
- 2.1.2 There will be no air sensitive use/ fresh air intake/ openable window with inadequate air buffer distance maintained. Similar to the Approved Scheme, it is expected that the proposed development under the proposed development scheme would not be subject to adverse air quality impact from vehicular emission with respect to the HKPSG.

#### *Industrial Emission*

- 2.1.3 No industrial chimneys was identified within the 200m assessment area from the Application Site. Therefore, it is expected that the proposed development would not be subject to adverse air quality impact from industrial emission with respect to the HKPSG.

### 2.2 Road Traffic Noise Impact

- 2.2.1 The Application Site is located adjacent to Ma Sik Road and Fan Leng Lau Road. In particular, it is anticipated that Ma Sik Road and Fan Leng Lau Road are the major traffic noise source on the noise sensitive receivers (NSRs) of the proposed development. As mentioned in **Section 1.4.1**, the locations of the 5 residential blocks under the proposed development scheme would remain unchanged, i.e. the blocks would be positioned at the same locations as previously approved. Carpark would be accommodated on G/F and 1/F. Accordingly, the vertical separation between the nearby roads (namely Ma Sik Road and Fan Leng Lau Road) and the NSRs of the residential blocks would be increased. Furthermore, the tentative intake year of the proposed development is 2029, which is consistent with that assumed under the Approved Scheme. On this basis, it is anticipated that the noise levels experienced by the NSRs under the proposed development scheme would not be greater than those predicted in the road traffic noise impact assessment of the EA prepared for the approved S16 planning application. With the implementation of the proposed noise mitigation measures (i.e. acoustic window (baffle type) and enhanced acoustic balcony (baffle type), the road traffic noise level of all identified NSRs could comply with relevant standard. The predicted results and the proposed noise mitigation measures of the EA are extracted and provided in **Appendix 2-1**. A noise impact assessment will be carried out for the proposed development in the next stage. Based on that impact assessment, the proposed noise mitigation measures (i.e. acoustic window (baffle type) and enhanced acoustic balcony (baffle type) will be reviewed and proposed to mitigate the road traffic noise impact.

### 2.3 Fixed Noise Impact

- 2.3.1 According to the fixed noise impact assessment of the EA, the proposed development of the Application Site would not have direct line of sight to the car service workshop and the logistic centre along Ling Shan Road. As such, the identified fixed noise sources

would have insignificant fixed noise impact on the proposed development of the Application Site. Therefore, it is anticipated that the NSRs of the proposed development under the proposed development scheme will not be under adverse fixed noise impact. The figure showing the location of the identified fixed noise sources is provided in **Appendix 2-2**.

## **2.4 Waste Management**

- 2.4.1 As mentioned in **Section 1.4.1**, carpark would be accommodated on G/F and 1/F. Therefore, excavation of basements will not be required. Therefore, quantity of C&D materials generated under the proposed development scheme will be less than that of the section of waste management of EA. Therefore, With the implementation the recommended mitigation measures, no adverse impact would be anticipated. The proposed disposal methods of wastes, recommendations and mitigation measures proposed in EA are extracted and provided in **Appendix 2-3**.

## **2.5 Land Contamination**

- 2.5.1 According to the EA, the potential issue of land contamination is not anticipated, and study of land contamination is considered as not necessary. Since the Application Site is currently used as a temporary open car park, together with a small number of temporary structures & planting, which is consistent with the site condition in Year 2024. Therefore, the potential issue of land contamination is not anticipated.

## **2.6 Water Quality**

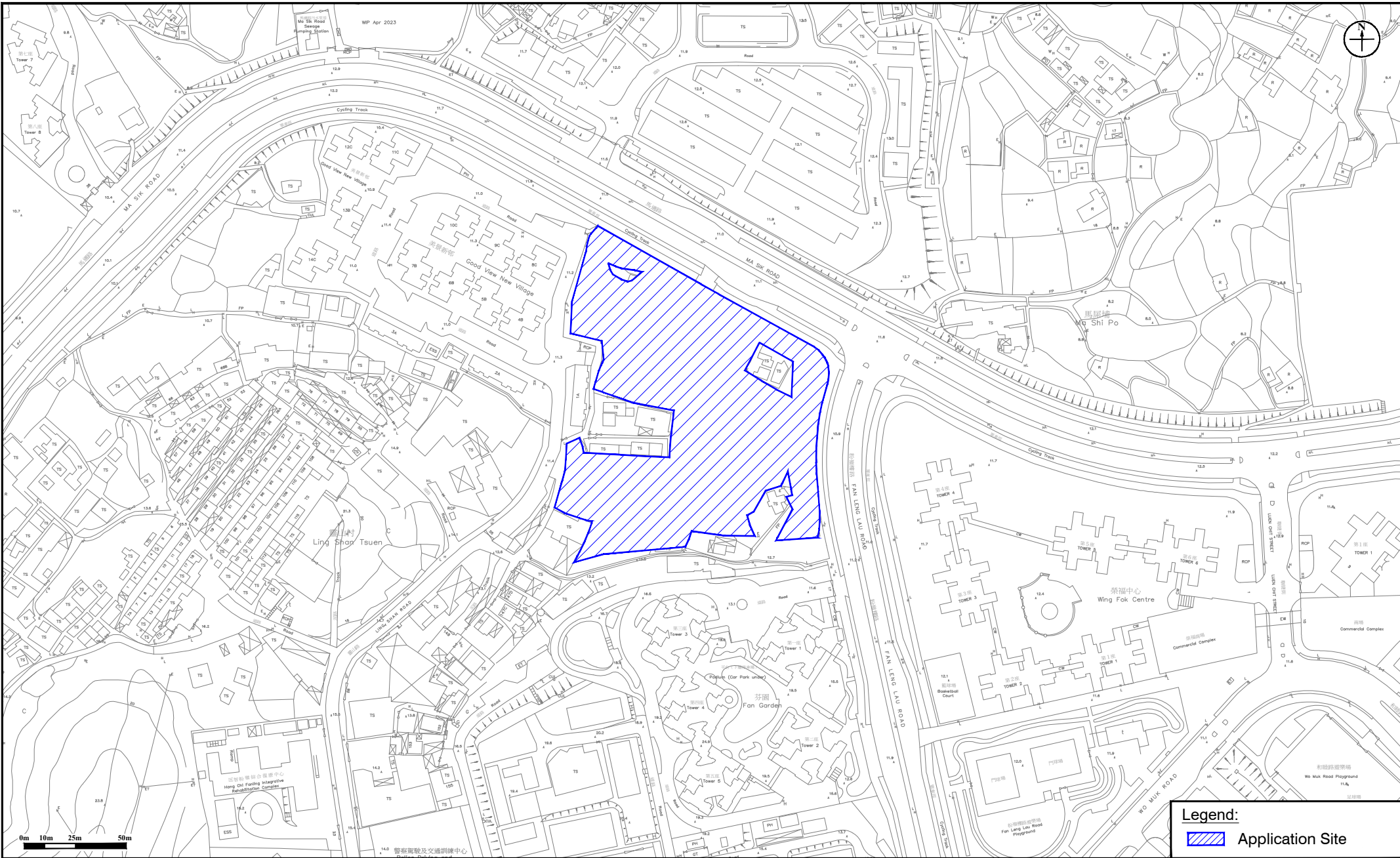
- 2.6.1 The major amendment of the proposed development scheme is to provide carpark on G/F and 1/F. Accordingly, water quality impacts identified and the mitigation measures recommended in the EA are considered to remain applicable. With the implementation the recommended mitigation measures, no adverse water quality impact would be anticipated during construction phase and operation phase of the proposed development. The recommended mitigation measures in the EA are extracted and provided in

### **3. CONCLUSION**

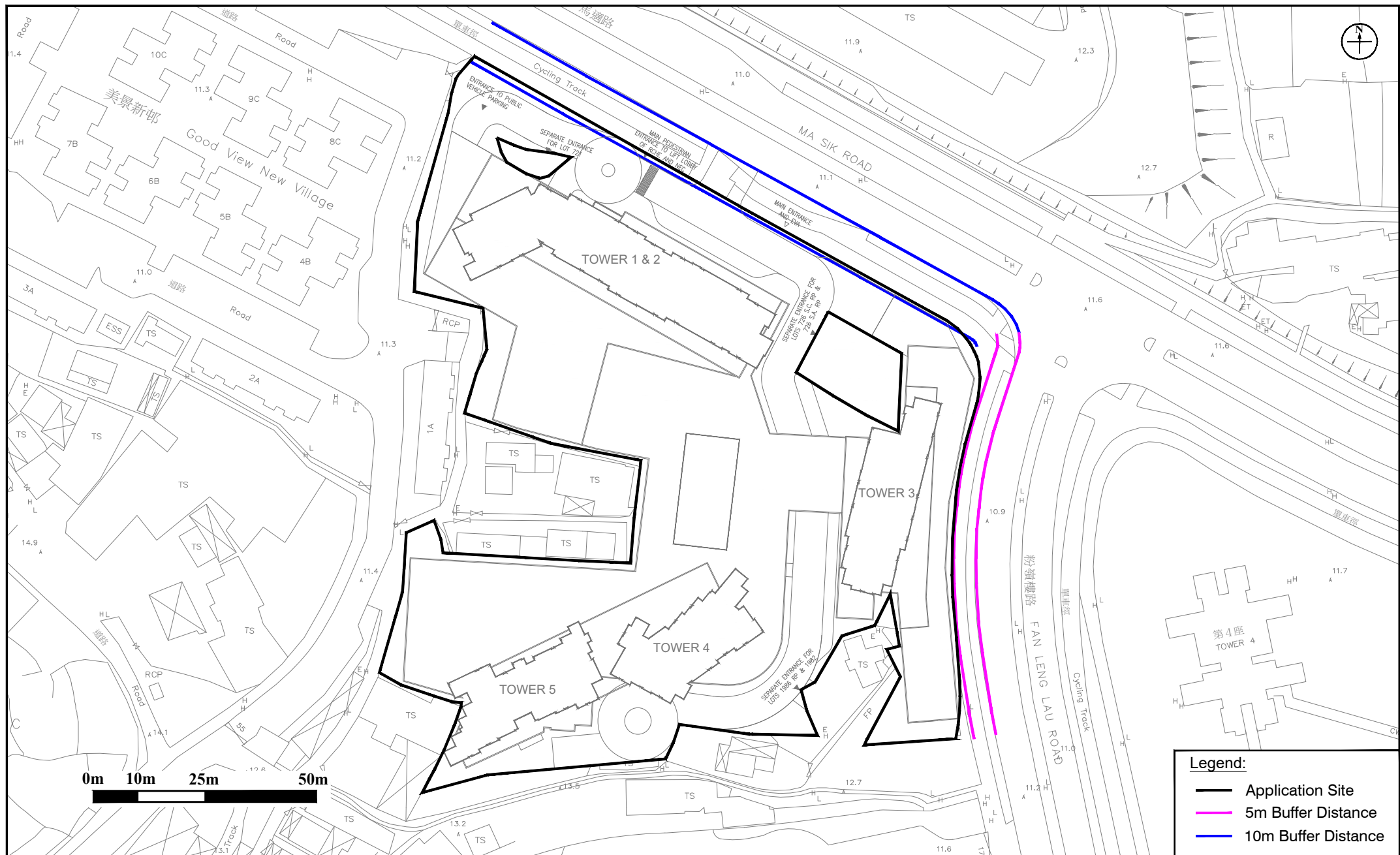
#### **3.1 Conclusion**

- 3.1.1 Based on the assessments, it is concluded that no adverse impacts of air quality, noise, waste management and water quality on the proposed development at the Application Site would be anticipated.

## Figures



|                                                                                                                                                                                                                                                                                                                                                                             |                |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| <b>Figure:</b> 1-1                                                                                                                                                                                                                                                                                                                                                          | <b>RAMBOLL</b> |                |
|                                                                                                                                                                                                                                                                                                                                                                             | Drawn by:      | AW             |
|                                                                                                                                                                                                                                                                                                                                                                             | Checked by:    | BF             |
|                                                                                                                                                                                                                                                                                                                                                                             | Rev.:          | 1.0            |
| <b>Title:</b> Location of the Application Site and its Environs                                                                                                                                                                                                                                                                                                             |                | Date: Aug 2026 |
| <b>Project:</b> Section 16 Planning Application for Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Flat Development with Social Welfare Facility and Public Vehicle Park (Proposed Amendments to an Approved Scheme under Application No. A/FSS/294) at Various Lots in D.D. 51 and adjoining Government Land, Ma Sik Road, Fanling |                |                |



**Figure:** 2-1

**Title:** Buffer Distances from Nearby Road Network

**Project:** Section 16 Planning Application for Proposed Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Flat Development with Social Welfare Facility and Public Vehicle Park (Proposed Amendments to an Approved Scheme under Application No. A/FSS/294) at Various Lots in D.D. 51 and adjoining Government Land, Ma Sik Road, Fanling

**RAMBOLL**

Drawn by: AW

Checked by: BF

Rev.: 1.0

Date: Aug 2026

**Appendix 1-1     Indicative MLP of the Proposed Development**



PROPOSED RESIDENTIAL DEVELOPMENT CUM SOCIAL WELFARE FACILITY AND PUBLIC VEHICLE PARK  
AT VARIOUS LOTS IN DD51, MA SIK ROAD, FANLING

# INDICATIVE BLOCK PLAN



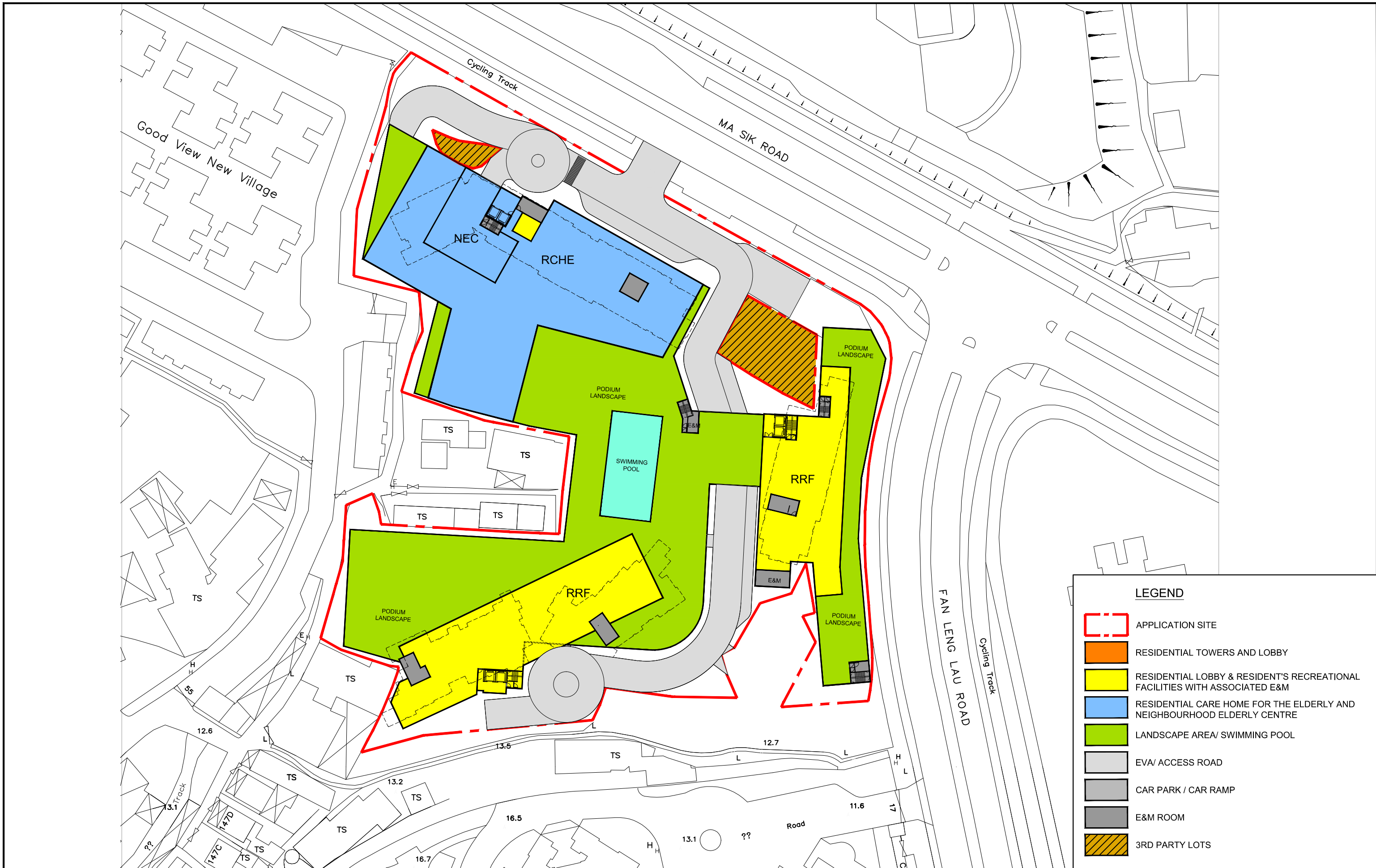
**LEGEND**

- APPLICATION SITE
- RESIDENTIAL TOWERS AND LOBBY
- RESIDENTIAL LOBBY & RESIDENT'S RECREATIONAL FACILITIES WITH ASSOCIATED E&M
- RESIDENTIAL CARE HOME FOR THE ELDERLY AND NEIGHBOURHOOD ELDERLY CENTRE
- LANDSCAPE AREA/ SWIMMING POOL
- EVA/ ACCESS ROAD
- CAR PARK / CAR RAMP
- E&M ROOM
- 3RD PARTY LOTS

PROPOSED RESIDENTIAL DEVELOPMENT CUM SOCIAL WELFARE FACILITY AND PUBLIC VEHICLE PARK  
AT VARIOUS LOTS IN DD51, MA SIK ROAD, FANLING

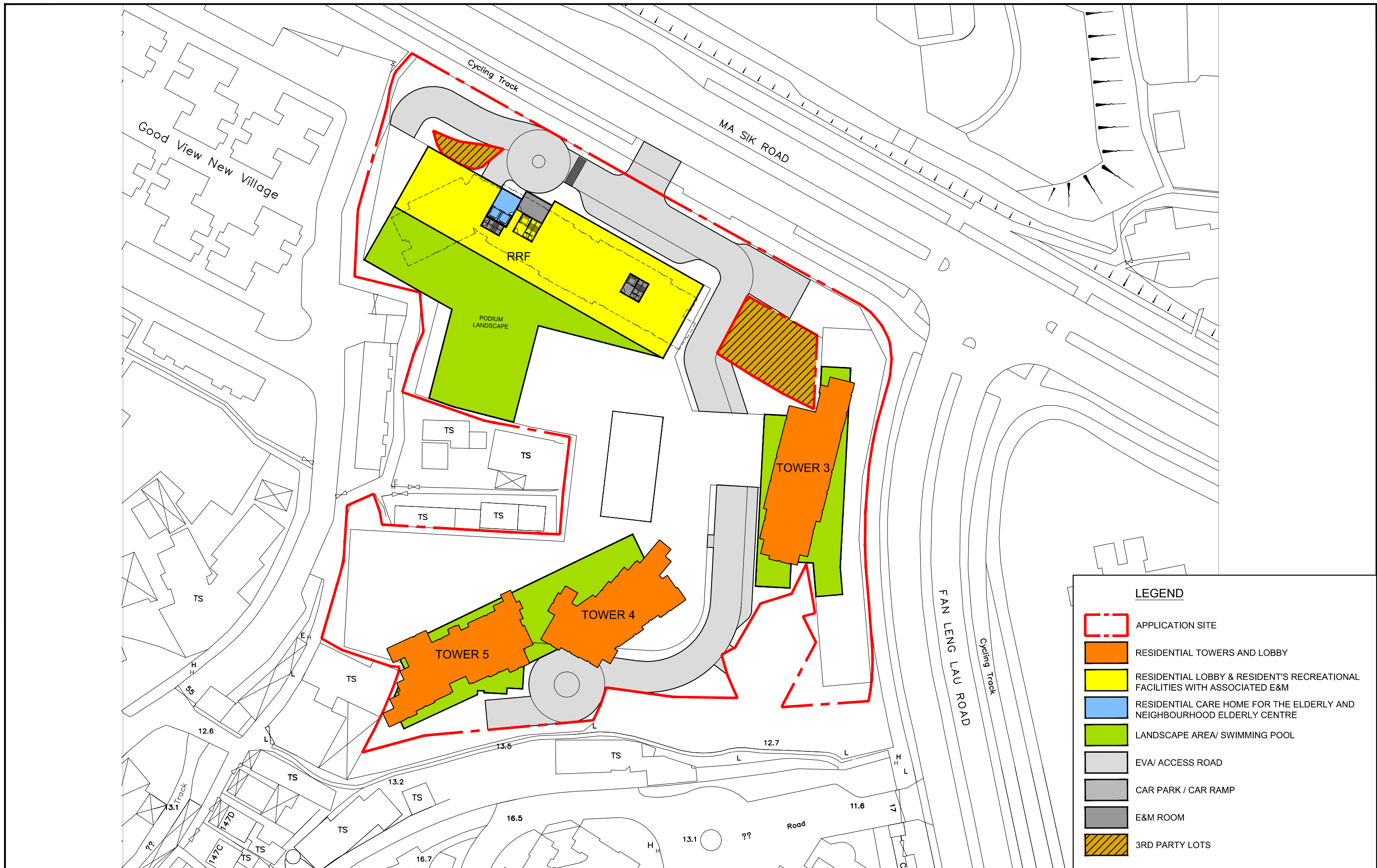
INDICATIVE GROUND FLOOR PLAN





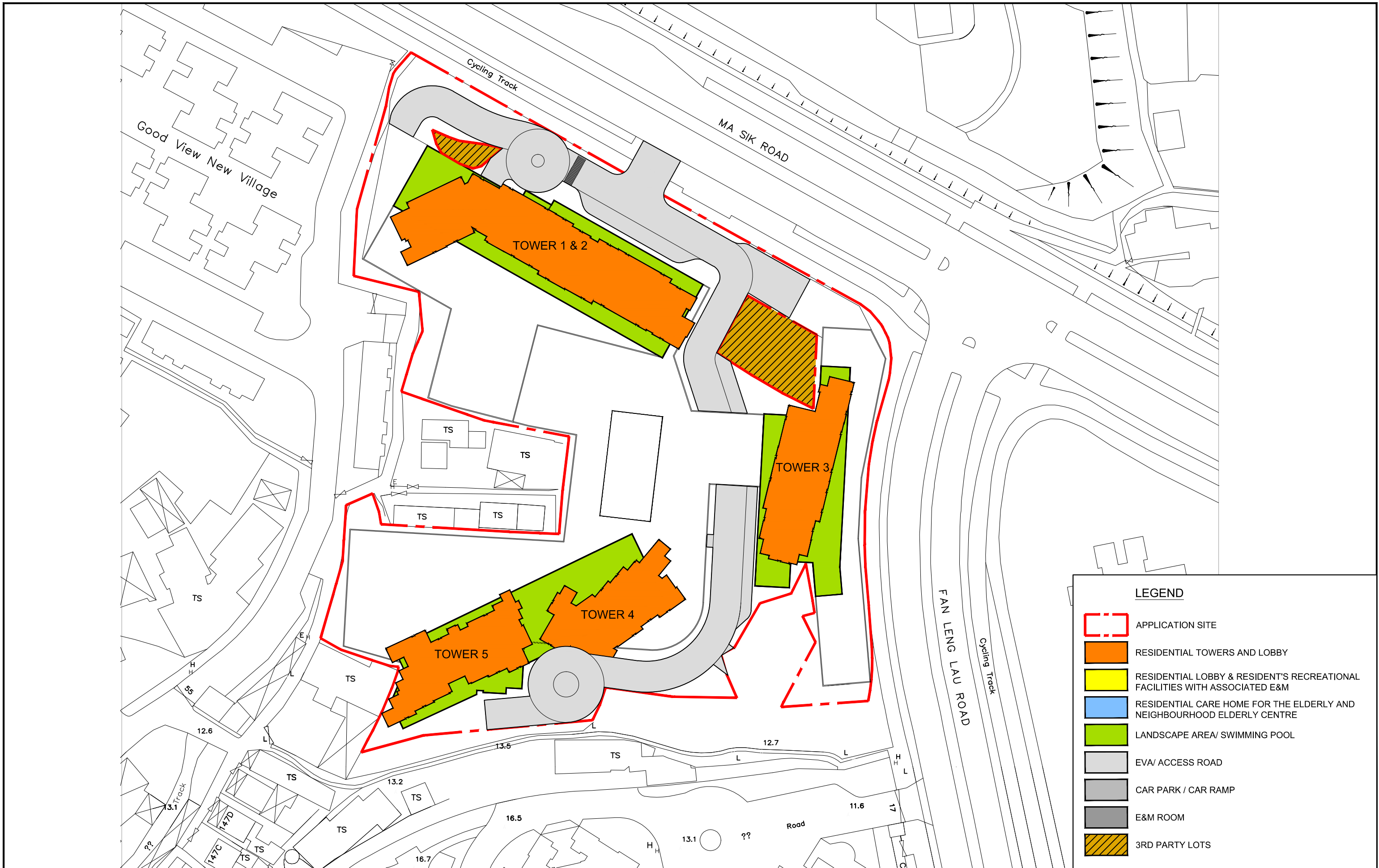
PROPOSED RESIDENTIAL DEVELOPMENT CUM SOCIAL WELFARE FACILITY AND PUBLIC VEHICLE PARK  
AT VARIOUS LOTS IN DD51, MA SIK ROAD, FANLING

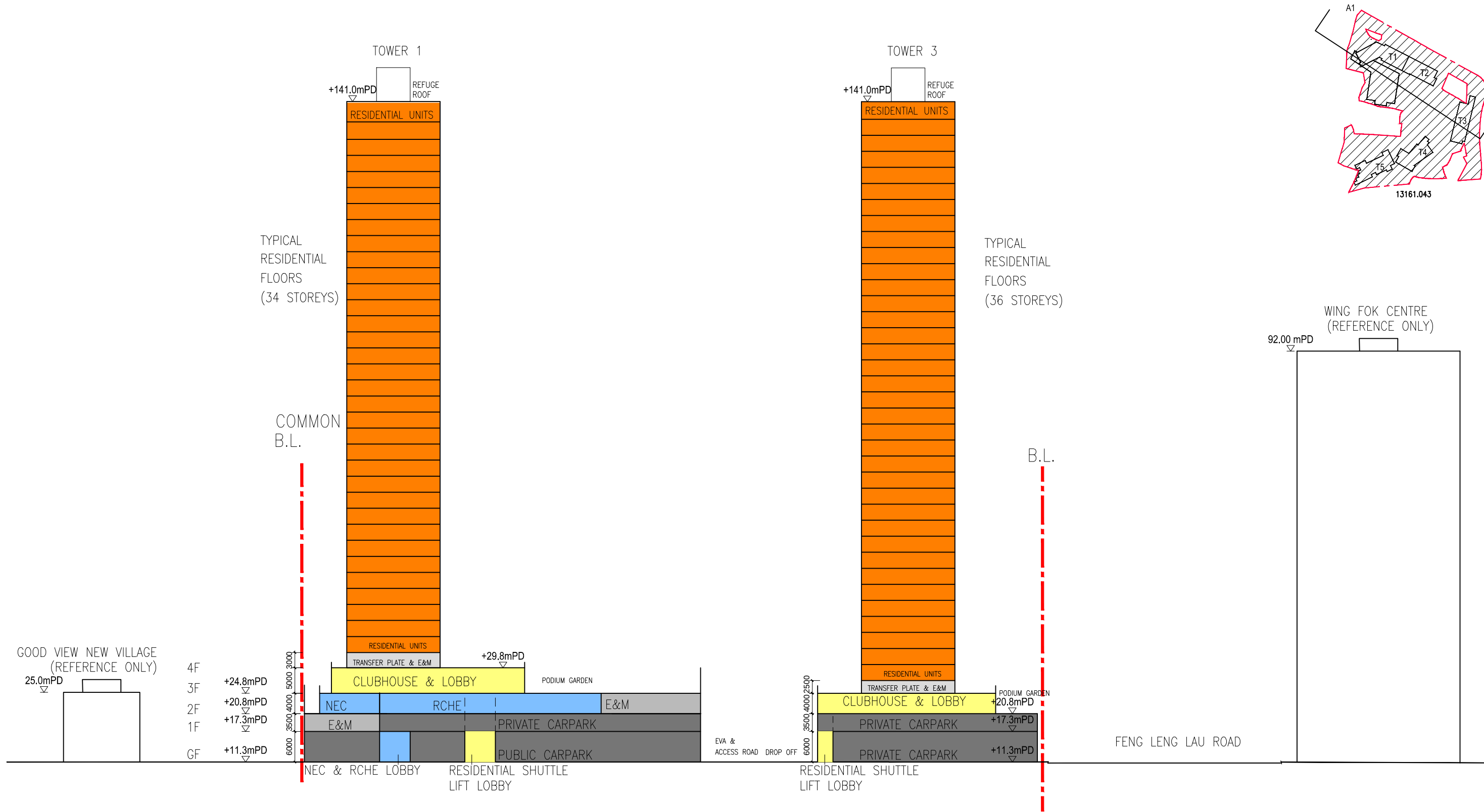
INDICATIVE SECOND FLOOR PLAN



PROPOSED RESIDENTIAL DEVELOPMENT CUM SOCIAL WELFARE FACILITY AND PUBLIC VEHICLE PARK  
AT VARIOUS LOTS IN DD51, MA SIK ROAD, FANLING

INDICATIVE THIRD FLOOR PLAN



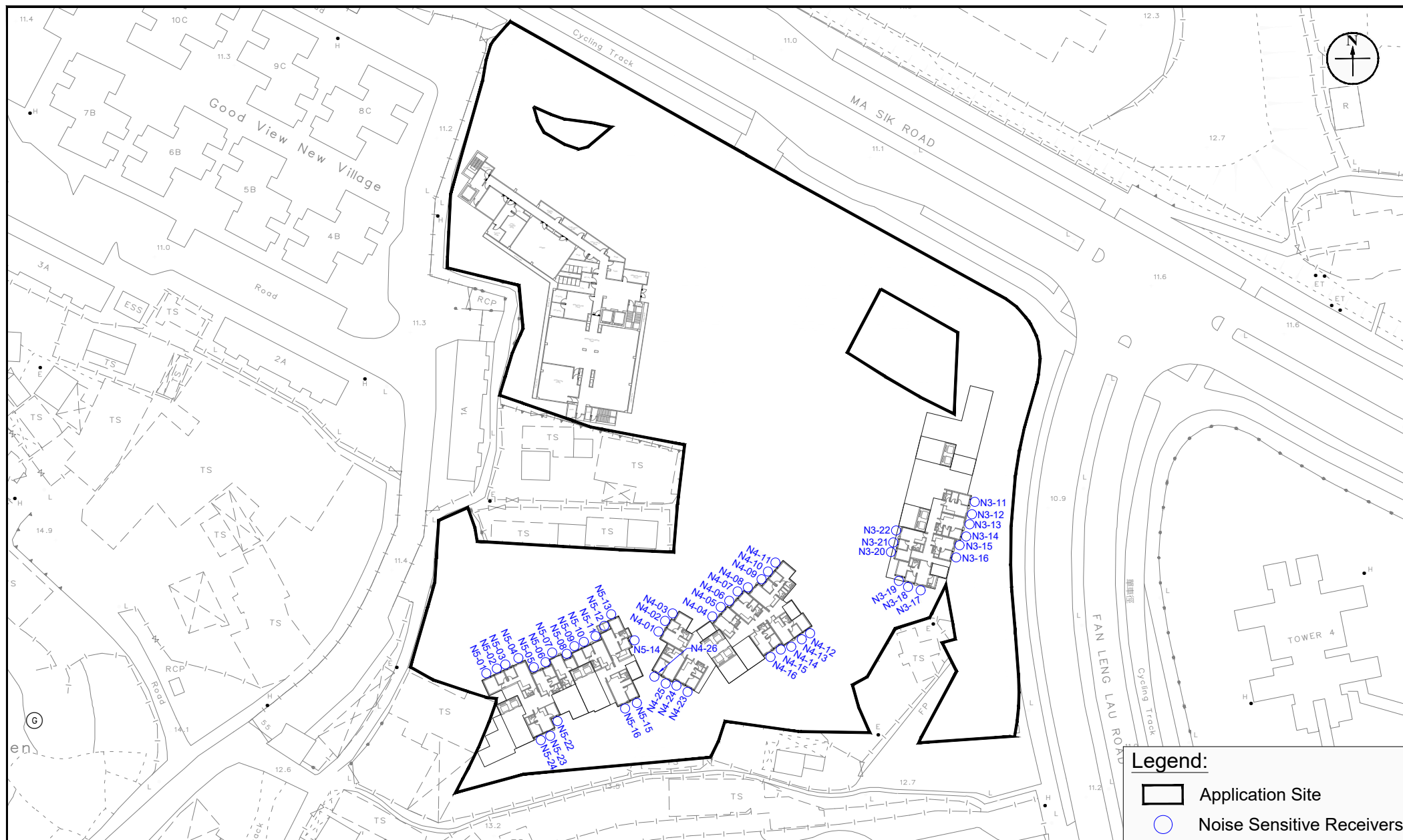


# SECTION A1-A1'

PROPOSED RESIDENTIAL DEVELOPMENT CUM SOCIAL WELFARE FACILITY AND PUBLIC VEHICLE PARK  
AT VARIOUS LOTS IN DD51, MA SIK ROAD, FANLING

- NOTES:
1. OVERALL HEIGHT OF CAR PARKING FLOORS KEPT AT 9m AS PER PREVIOUS UNDERGROUND CAR PARKING SCHEME
  2. RESIDENTIAL FLOOR TO FLOOR HEIGHT KEPT AT 3.15m AS PER PREVIOUS SCHEME
  3. BUILDING HEIGHT IS MAXIMIZED TO +141mPD. THIS IS 9m HIGHER THAN THE PREVIOUSLY APPROVED +132mPD.
  4. WITHIN THIS NEW BUILDING HEIGHT AND FLOOR-TO-FLOOR HEIGHTS, THE NUMBER OF RESIDENTIAL FLOORS IS MAXIMIZED.

**Appendix 2-1      Predicted Results and Proposed Noise Mitigation Measures of Road Traffic Noise Impact Assessment Extracted from EA**



**Figure:** 3-1a

**Title:** Locations of Representative Noise Sensitive Receivers (Residential Building Blocks) for Road Traffic Noise Impact Assessment (Tower 3 to 5 - G/F)

**Project:** S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories

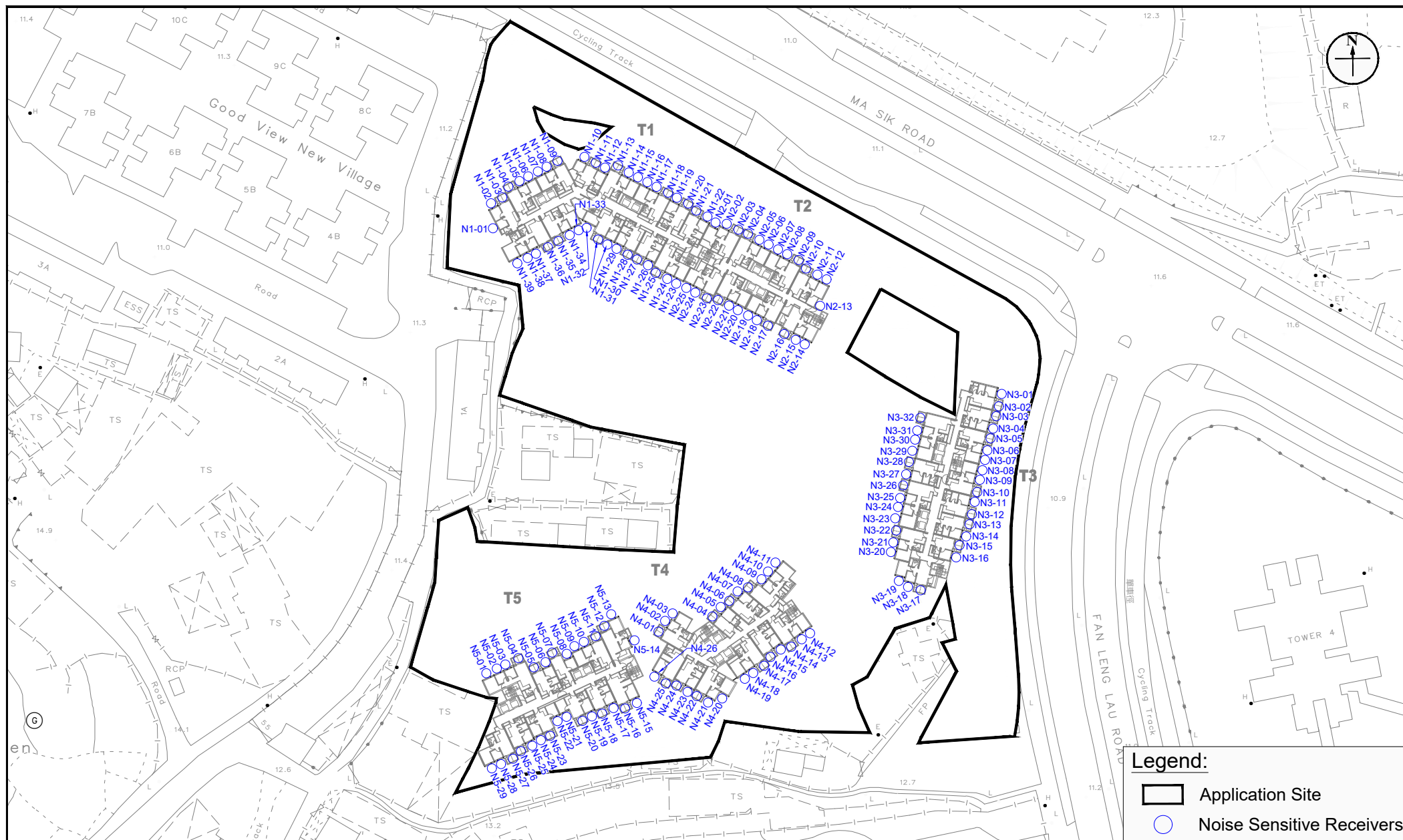
**RAMBOLL**

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Checked by: BF

Rev.: 1.1

Date: Apr 2024



**Figure:** 3-1b

**Title:** Locations of Representative Noise Sensitive Receivers (Residential Building Blocks) for Road Traffic Noise Impact Assessment (Low Zone: Tower 1 - 5/F to 19/F, Tower 2 - 4/F to 19/F, Tower 3 - 1/F to 18/F, Tower 4 and 5 - 1/F to 19/F)

**Project:** S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories

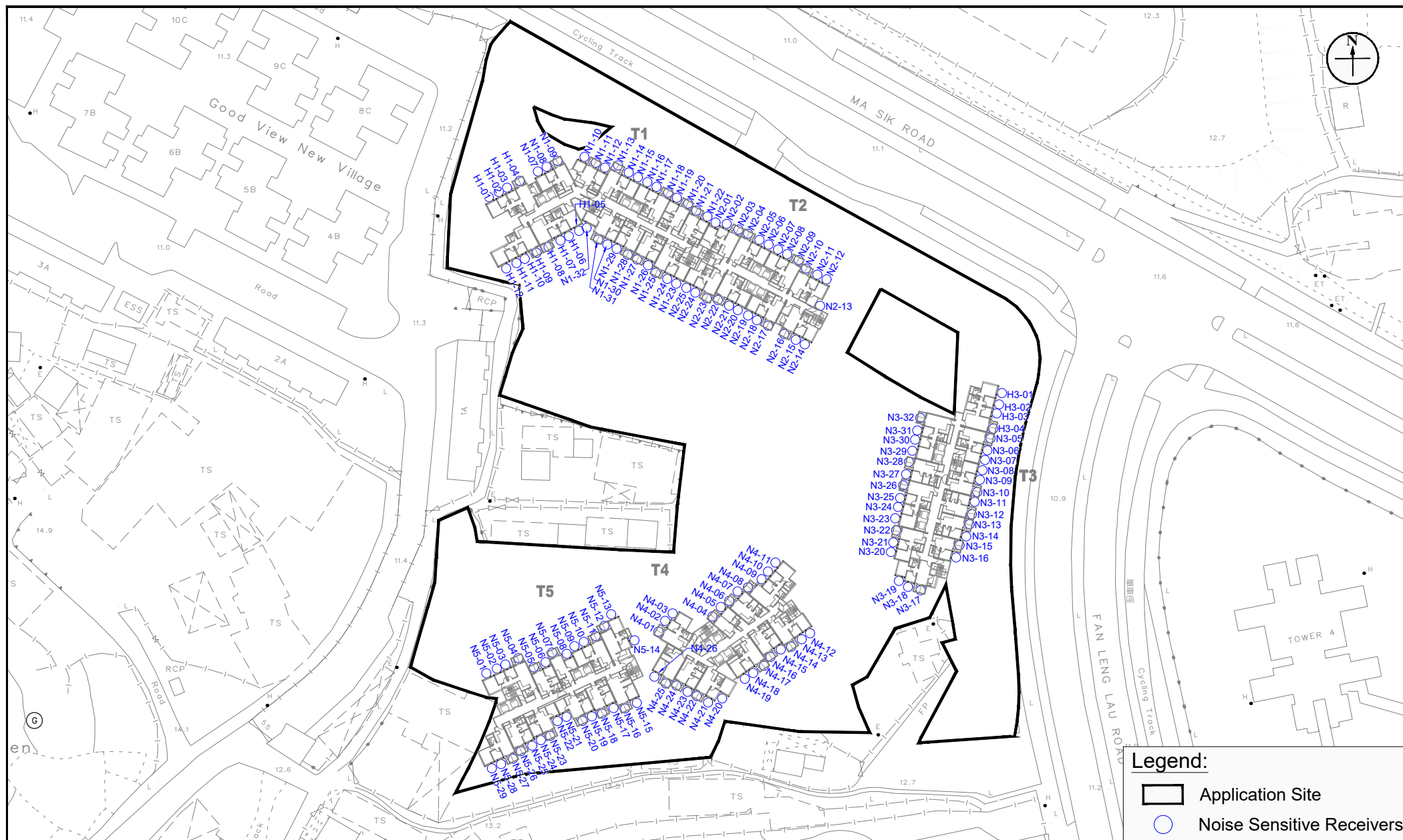
**RAMBOLL**

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Checked by: BF

Rev.: 1.1

Date: Apr 2024



**Figure:** 3-1c

**Title:** Locations of Representative Noise Sensitive Receivers (Residential Building Blocks) for Road Traffic Noise Impact Assessment (High Zone: Tower 1 - 20/F to 37/F, Tower 2 - 20/F to 36/F, Tower 3 - 19/F to 36/F, Tower 4 and 5 - 20/F to 36/F)

**Project:** S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories

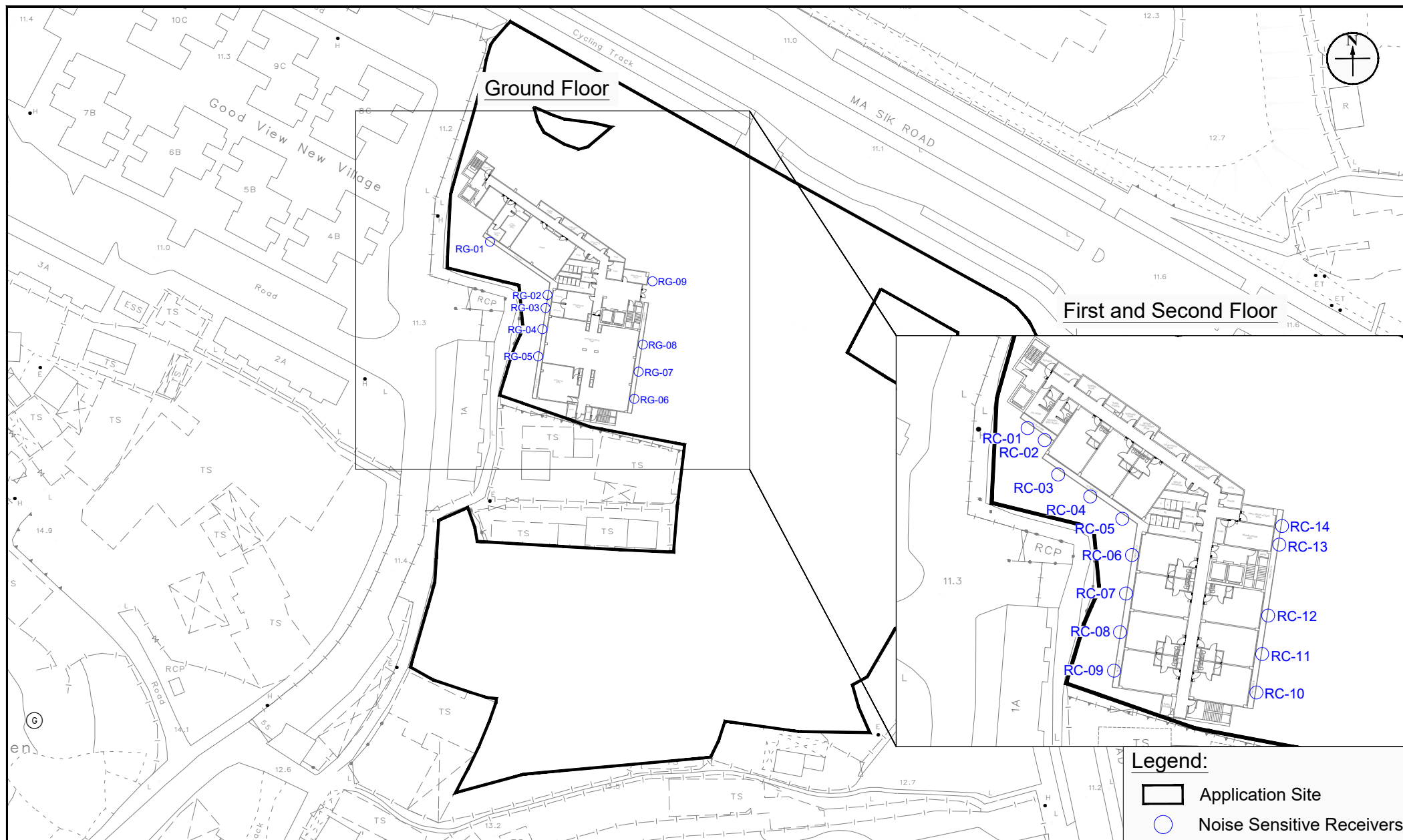
**RAMBOLL**

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Checked by: BF

Rev.: 1.1

Date: Apr 2024



**Figure:** 3-2

**Title:** Locations of Representative Noise Sensitive Receivers (RCHE) for Road Traffic Noise Impact Assessment

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**RAMBOLL**

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Rev.: 1.1

Date: Apr 2024

Remark

Unless specified, the proposed noise mitigation measures apply to all floors



|                                                                                                                                                                                                                                                            |  |             |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|----------|
| <b>Figure:</b> 3-3a                                                                                                                                                                                                                                        |  | RAMBOLL     |          |
| <b>Title:</b> Proposed Noise Mitigation Measures for Road Traffic Noise Impact Assessment (Tower 3 to 5 - G/F)                                                                                                                                             |  | Drawn by:   | CM       |
|                                                                                                                                                                                                                                                            |  | Checked by: | BF       |
| <b>Project:</b> S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories |  | Rev.:       | 1.1      |
|                                                                                                                                                                                                                                                            |  | Date:       | Apr 2024 |



**Remark**

Unless specified, the proposed noise mitigation measures apply to all floors

**Legend:**

— Acoustic Window (Baffle Type)

— Enhanced Acoustic Balcony (Baffle Type)

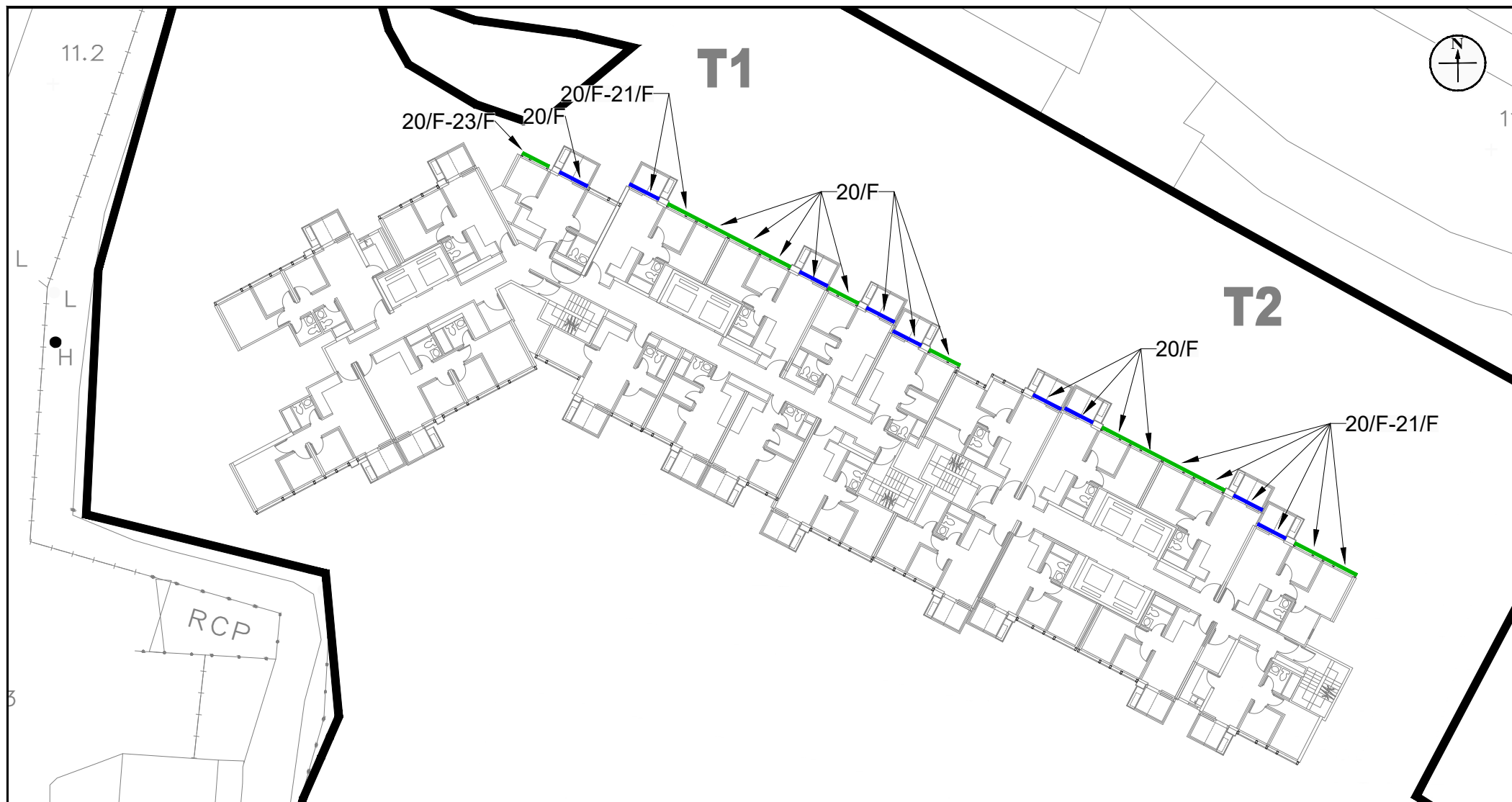
|                                                                                                                                                                                                                                                            |  |             |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|----------|
| <b>Figure:</b> 3-3b                                                                                                                                                                                                                                        |  | RAMBOLL     |          |
| <b>Title:</b> Proposed Noise Mitigation Measures for Road Traffic Noise Impact Assessment<br>(Low Zone: Tower 1 - 5/F to 19/F and Tower 2 - 4/F to 19/F)                                                                                                   |  | Drawn by:   | CM       |
| <b>Project:</b> S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories |  | Checked by: | BF       |
|                                                                                                                                                                                                                                                            |  | Rev.:       | 1.1      |
|                                                                                                                                                                                                                                                            |  | Date:       | Apr 2024 |

Remark

Unless specified, the proposed noise mitigation measures apply to all floors



|                                                                                                                                                                                                                                                            |  |             |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|----------|
| <b>Figure:</b> 3-3c                                                                                                                                                                                                                                        |  | RAMBOLL     |          |
| <b>Title:</b> Proposed Noise Mitigation Measures for Road Traffic Noise Impact Assessment (Low Zone: Tower 3 - 1/F to 18/F, Tower 4 and 5 - 1/F to 19/F)                                                                                                   |  | Drawn by:   | CM       |
| <b>Project:</b> S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories |  | Checked by: | BF       |
|                                                                                                                                                                                                                                                            |  | Rev.:       | 1.1      |
|                                                                                                                                                                                                                                                            |  | Date:       | Apr 2024 |



Remark

Unless specified, the proposed noise mitigation measures apply to all floors

| Legend:                              |                                         |
|--------------------------------------|-----------------------------------------|
| <span style="color: green;">—</span> | Acoustic Window (Baffle Type)           |
| <span style="color: blue;">—</span>  | Enhanced Acoustic Balcony (Baffle Type) |

**Figure:** 3-3d

**Title:** Proposed Noise Mitigation Measures for Road Traffic Noise Impact Assessment  
(High Zone: Tower 1 - 20/F to 37/F, Tower 2 - 20/F to 36/F)

**Project:** S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories

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Date: Apr 2024

Remark

Unless specified, the proposed noise mitigation measures apply to all floors



|                                                                                                                                                                                                                                                            |  |             |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|----------|
| <b>Figure:</b> 3-3e                                                                                                                                                                                                                                        |  | RAMBOLL     |          |
| <b>Title:</b> Proposed Noise Mitigation Measures for Road Traffic Noise Impact Assessment<br>(High Zone: Tower 3 - 19/F to 36/F, Tower 4 and 5 - 20/F to 36/F)                                                                                             |  | Drawn by:   | CM       |
| <b>Project:</b> S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories |  | Checked by: | BF       |
|                                                                                                                                                                                                                                                            |  | Rev.:       | 1.1      |
|                                                                                                                                                                                                                                                            |  | Date:       | Apr 2024 |

**Appendix 3-3      Results of Road Traffic Noise Impact Assessment (Base Case  
Scenario)**

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers for AM Peak Flow  
Base Case

| Tower 1 (Low Zone) |      | N1-01 | N1-02 | N1-03 | N1-04 | N1-05 | N1-06 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 | N1-13 | N1-14 | N1-15 | N1-16 | N1-17 | N1-18 | N1-19 | N1-20 | N1-21 | N1-22 | N1-23 | N1-24 | N1-25 | N1-26 | N1-27 | N1-28 | N1-29 | N1-30 | N1-31 | N1-32 | N1-33 | N1-34 | N1-35 | N1-36 | N1-37 | N1-38 | N1-39 |      |      |      |      |      |      |      |    |    |
|--------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|----|----|
| Floor              | mPD  | 5/1   | 6/1   | 7/1   | 8/1   | 9/1   | 10/1  | 11/1  | 12/1  | 13/1  | 14/1  | 15/1  | 16/1  | 17/1  | 18/1  | 19/1  | 20/1  | 21/1  | 22/1  | 23/1  | 24/1  | 25/1  | 26/1  | 27/1  | 28/1  | 29/1  | 30/1  | 31/1  | 32/1  | 33/1  | 34/1  | 35/1  | 36/1  | 37/1  | 38/1  | 39/1  | 40/1  | 41/1  | 42/1  | 43/1  | 44/1 | 45/1 | 46/1 | 47/1 | 48/1 | 49/1 | 50/1 |    |    |
| 5/f                | 27.8 | 65    | 43    | 43    | 67    | 68    | 69    | 70    | 71    | 71    | 72    | 73    | 73    | 72    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 |    |
| 6/f                | 30.9 | 66    | 43    | 43    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 73    | 73    | 72    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 7/f                | 34.1 | 66    | 43    | 43    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 73    | 72    | 72    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 8/f                | 37.2 | 66    | 43    | 43    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 72    | 72    | 72    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 9/f                | 40.4 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 10/f               | 43.5 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 11/f               | 46.7 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 12/f               | 49.8 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 70    | 71    | 72    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 13/f               | 53.0 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 71    | 72    | 71    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 14/f               | 56.1 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 71    | 72    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 15/f               | 59.3 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 16/f               | 62.4 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 17/f               | 65.6 | 67    | 42    | 42    | 69    | 70    | 70    | 70    | 70    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 18/f               | 68.7 | 67    | 42    | 42    | 69    | 70    | 70    | 70    | 70    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| 19/f               | 71.9 | 67    | 42    | 42    | 69    | 69    | 69    | 69    | 70    | 70    | 71    | 71    | 70    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62   | 62   | 62   | 62   | 62   | 62   | 62   | 62 | 62 |
| Max Noise Level    |      | 67    | 43    | 43    | 70    | 70    | 70    | 71    | 71    | 72    | 73    | 73    | 72    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |
| Exceedance         |      | 0     |       |       | 0     |       |       | 11    |       |       |       | 15    | 72    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63   | 63   | 63   | 63   | 63   | 63   | 63   | 63 | 63 |

| Tower 1 (High Zone) |      | Floor 1 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|---------------------|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----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| Power               | mPD  | H1-01   | H1-02 | H1-03 | H1-04 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 | N1-13 | N1-14 | N1-15 | N1-16 | N1-17 | N1-18 | N1-19 | N1-20 | N1-21 | N1-22 | N1-23 | N1-24 | N1-25 | N1-26 | N1-27 | N1-28 | N1-29 | N1-30 | N1-31 | N1-32 | H1-05 | H1-06 | H1-07 | H1-08 | H1-09 | H1-10 | H1-11 | H1-12 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| 21/E                | 75.0 | 69      | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 71    | 70    | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61</ |

**Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers for AM Peak Flow Base Case**

| Tower 3 (Low Zone) |      | N3-01 | N3-02 | N3-03 | N3-04 | N3-05 | N3-06 | N3-07 | N3-08 | N3-09 | N3-10 | N3-11 | N3-12 | N3-13 | N3-14 | N3-15 | N3-16 | N3-17 | N3-18 | N3-19 | N3-20 | N3-21 | N3-22 | N3-23 | N3-24 | N3-25 | N3-26 | N3-27 | N3-28 | N3-29 | N3-30 | N3-31 | N3-32 |    |
|--------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Flour              | mPD  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
| G/F                | 18.3 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 76    | 76    | 76    | 76    | 76    | 75    | 71    | 69    | 68    | 60    | 59    | 59    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |    |
| 1/F                | 11.3 | 77    | 77    | 77    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 75    | 75    | 75    | 71    | 70    | 69    | 61    | 61    | 61    | 62    | 62    | 63    | 63    | 64    | 65    | 65    | 66    | 67    | 69    |    |
| 2/F                | 21.5 | 77    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 75    | 75    | 75    | 75    | 75    | 75    | 71    | 70    | 69    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69    |    |
| 3/F                | 24.6 | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 71    | 70    | 69    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69    |    |
| 4/F                | 27.8 | 76    | 76    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 74    | 74    | 74    | 70    | 70    | 69    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69    |    |
| 5/F                | 30.9 | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 75    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 70    | 69    | 69    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67    | 69 |
| 6/F                | 34.1 | 75    | 75    | 75    | 75    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 70    | 69    | 69    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67    | 69 |
| 7/F                | 37.2 | 75    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 73    | 73    | 73    | 70    | 69    | 69    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69 |
| 8/F                | 40.4 | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 74    | 73    | 73    | 73    | 73    | 73    | 73    | 70    | 69    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69 |
| 9/F                | 43.5 | 74    | 74    | 74    | 74    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 69    | 69    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69 |
| 10/F               | 46.7 | 74    | 74    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 69    | 68    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69 |
| 11/F               | 49.8 | 74    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 72    | 72    | 72    | 69    | 68    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68    | 68 |
| 12/F               | 53.0 | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 73    | 72    | 72    | 72    | 72    | 72    | 72    | 69    | 68    | 68    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68    | 68 |
| 13/F               | 56.1 | 73    | 73    | 73    | 73    | 73    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 69    | 68    | 67    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68    | 68 |
| 14/F               | 59.3 | 73    | 73    | 73    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 68    | 68    | 67    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68 |
| 15/F               | 62.4 | 73    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 71    | 71    | 68    | 68    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68 |
| 16/F               | 65.6 | 73    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 71    | 71    | 71    | 71    | 71    | 68    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68 |
| 17/F               | 68.7 | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 71    | 71    | 71    | 71    | 71    | 71    | 68    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 68 |
| 18/F               | 71.9 | 72    | 72    | 72    | 72    | 72    | 72    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 68    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 67    | 69 |
| Max Noise Level    |      | 77    | 77    | 77    | 76    | 76    | 76    | 76    | 76    | 76    | 76    | 75    | 75    | 75    | 76    | 76    | 75    | 71    | 70    | 69    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69 |
| Exceedance         |      | 18    |       | 18    |       | 18    |       | 18    |       | 18    |       | 19    |       | 19    |       | 19    |       | 4     |       | 69    | 63    | 63    | 63    | 0     |       | 0     |       | 0     |       | 0     |       | 67    |       |    |

[illegible]

| Tower 4         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Floor           | mPD   | N4-01 | N4-02 | N4-03 | N4-04 | N4-05 | N4-06 | N4-07 | N4-08 | N4-09 | N4-10 | N4-11 | N4-12 | N4-13 | N4-14 | N4-15 | N4-16 | N4-17 | N4-18 | N4-19 | N4-20 | N4-21 | N4-22 | N4-23 | N4-24 | N4-25 | N4-26 |    |
| G/F             | 11.3  | 57    | 59    | 59    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 64    |       |    |
| 1/F             | 16.3  | 58    | 58    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 64    |       |    |
| 2/F             | 21.5  | 59    | 61    | 62    | 61    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 64    |       |    |
| 3/F             | 24.6  | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 65    | 64    |    |
| 4/F             | 27.8  | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 66    | 66    | 65    | 64    |    |
| 5/F             | 30.9  | 60    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 66    | 66    | 65    | 64    |    |
| 6/F             | 34.1  | 60    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 66    | 66    | 65    | 64    |    |
| 7/F             | 37.2  | 60    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 66    | 66    | 65    | 63    |    |
| 8/F             | 40.4  | 60    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 65    | 63 |
| 9/F             | 43.5  | 60    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 65    | 64 |
| 10/F            | 46.7  | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 67    | 66    | 65    | 65    | 64 |
| 11/F            | 49.8  | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 68    | 68    | 68    | 68    | 67    | 68    | 67    | 67    | 67    | 67    | 66    | 65    | 65    | 64 |
| 12/F            | 53.0  | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 64    | 63 |
| 13/F            | 56.1  | 61    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 64    | 63 |
| 14/F            | 59.3  | 62    | 64    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 65    | 64    | 63 |
| 15/F            | 62.4  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 65    | 64 |
| 16/F            | 65.6  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 65    | 64 |
| 17/F            | 68.7  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 63 |
| 18/F            | 71.9  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 63 |
| 19/F            | 75.0  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 63 |
| 20/F            | 78.2  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63 |
| 21/F            | 81.3  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 67    | 66    | 65    | 65    | 64    | 63 |
| 22/F            | 84.5  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 67    | 66    | 65    | 65    | 64    | 63 |
| 23/F            | 87.6  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 67    | 66    | 65    | 64    | 63    | 62 |
| 24/F            | 90.8  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63    | 62 |
| 25/F            | 93.9  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63    | 62 |
| 26/F            | 97.1  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 63    | 62 |
| 27/F            | 100.2 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 63    | 62 |
| 28/F            | 103.4 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 64    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 66    | 66    | 64    | 63    | 62 |
| 29/F            | 106.5 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 64    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 66    | 66    | 64    | 63    | 62 |
| 30/F            | 109.7 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 65    | 65    | 65    | 63    | 62    | 61 |
| 31/F            | 112.8 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62 |
| 32/F            | 116.0 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62 |
| 33/F            | 119.1 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62    | 61 |
| 34/F            | 122.3 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62    | 61 |
| 35/F            | 125.4 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 63    | 62    | 62    | 61 |
| 36/F            | 128.6 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 63    | 62    | 62    | 61 |
| Max Noise Level |       | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 64 |
| Exceedance      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers for AM Peak Flow

Base Case

| Tower 5         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|
| Floor           | mPD   | N5-01 | N5-02 | N5-03 | N5-04 | N5-05 | N5-06 | N5-07 | N5-08 | N5-09 | N5-10 | N5-11 | N5-12 | N5-13 | N5-14 | N5-15 | N5-16 | N5-17 | N5-18 | N5-19 | N5-20 | N5-21 | N5-22 | N5-23 | N5-24 | N5-25 | N5-26 | N5-27 | N5-28 | N5-29 |    |    |
| 11/F            | 11.3  | 67    | 66    | 65    | 64    | 54    | 57    | 59    | 57    | 58    | 59    | 58    | 60    | 63    | 59    | 67    | 68    |       |       |       |       | 65    | 68    | 68    | 68    | 68    | 68    | 69    | 70    | 71    |    |    |
| 1/F             | 18.3  | 67    | 66    | 66    | 65    | 57    | 57    | 60    | 59    | 59    | 59    | 58    | 60    | 63    | 60    | 67    | 68    | 67    | 67    | 67    | 67    | 67    | 64    | 65    | 68    | 68    | 68    | 68    | 69    | 70    | 71 |    |
| 2/F             | 21.5  | 67    | 66    | 66    | 65    | 58    | 57    | 61    | 59    | 60    | 59    | 58    | 60    | 63    | 60    | 67    | 68    | 67    | 67    | 67    | 67    | 67    | 64    | 65    | 67    | 67    | 68    | 68    | 69    | 70    | 70 |    |
| 3/F             | 24.6  | 67    | 66    | 66    | 65    | 58    | 57    | 61    | 59    | 60    | 60    | 58    | 60    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 64    | 65    | 67    | 67    | 68    | 68    | 69    | 70    | 70 |    |
| 4/F             | 27.8  | 67    | 66    | 66    | 65    | 59    | 58    | 61    | 60    | 60    | 60    | 59    | 60    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 63    | 65    | 67    | 67    | 67    | 68    | 68    | 69    | 70 |    |
| 5/F             | 30.9  | 67    | 66    | 66    | 65    | 59    | 58    | 60    | 60    | 61    | 60    | 59    | 61    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 63    | 65    | 67    | 67    | 67    | 67    | 68    | 69    | 70 |    |
| 6/F             | 34.1  | 67    | 66    | 66    | 65    | 59    | 58    | 62    | 60    | 61    | 61    | 59    | 61    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 63    | 64    | 67    | 67    | 67    | 67    | 68    | 69    | 70 |    |
| 7/F             | 37.2  | 67    | 66    | 66    | 65    | 60    | 59    | 62    | 60    | 61    | 61    | 60    | 61    | 64    | 61    | 66    | 67    | 66    | 66    | 66    | 66    | 66    | 63    | 64    | 66    | 66    | 67    | 67    | 68    | 68    | 69 |    |
| 8/F             | 40.4  | 67    | 66    | 66    | 65    | 60    | 59    | 63    | 61    | 62    | 61    | 60    | 61    | 64    | 61    | 66    | 67    | 66    | 66    | 66    | 66    | 66    | 62    | 64    | 66    | 66    | 66    | 67    | 67    | 68    | 69 |    |
| 9/F             | 43.5  | 67    | 66    | 66    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 62    | 65    | 61    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 62    | 64    | 66    | 66    | 66    | 66    | 67    | 68    | 69 |    |
| 10/F            | 46.7  | 67    | 67    | 66    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 62    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 62    | 64    | 66    | 66    | 66    | 66    | 67    | 68    | 69 |    |
| 11/F            | 49.8  | 67    | 67    | 66    | 66    | 61    | 61    | 63    | 61    | 63    | 62    | 61    | 62    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 61    | 63    | 65    | 65    | 66    | 66    | 67    | 67    | 68 |    |
| 12/F            | 53.0  | 67    | 67    | 66    | 66    | 61    | 61    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 61    | 63    | 65    | 65    | 66    | 66    | 67    | 67    | 68 |    |
| 13/F            | 56.1  | 67    | 67    | 66    | 66    | 61    | 61    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 61    | 63    | 65    | 65    | 66    | 66    | 67    | 67    | 68 |    |
| 14/F            | 59.3  | 67    | 67    | 66    | 66    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 62    | 65    | 66    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 66    | 67    | 68    | 69 |    |
| 15/F            | 62.4  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 62    | 64    | 63    | 62    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 66    | 67    | 68    | 69 |    |
| 16/F            | 65.6  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 63    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 60    | 63    | 65    | 65    | 65    | 66    | 67    | 68    | 69 |    |
| 17/F            | 68.7  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 63    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 60    | 63    | 65    | 65    | 65    | 66    | 66    | 67    | 68 |    |
| 18/F            | 71.9  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 63    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 60    | 63    | 65    | 65    | 65    | 66    | 66    | 67    | 68 |    |
| 19/F            | 75.0  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 64    | 64    | 60    | 62    | 64    | 64    | 65    | 65    | 66    | 66    | 67 |    |
| 20/F            | 78.2  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 64    | 65    | 64    | 64    | 60    | 62    | 64    | 64    | 64    | 65    | 66    | 66    | 67 |    |
| 21/F            | 81.3  | 67    | 67    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |
| 22/F            | 84.5  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 65    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |
| 23/F            | 87.6  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 65    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |
| 24/F            | 90.8  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |
| 25/F            | 93.9  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |
| 26/F            | 97.1  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67 |    |
| 27/F            | 100.2 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67 |    |
| 28/F            | 103.4 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67 |    |
| 29/F            | 106.5 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 60    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67 |    |
| 30/F            | 109.7 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 60    | 62    | 63    | 64    | 64    | 64    | 65    | 66    | 67 |    |
| 31/F            | 112.8 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 63    | 60    | 62    | 63    | 63    | 64    | 64    | 64    | 65    | 66 | 67 |
| 32/F            | 116.0 | 67    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 63    | 64    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66 | 67 |
| 33/F            | 119.1 | 67    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66 | 67 |
| 34/F            | 122.3 | 66    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66 | 67 |
| 35/F            | 125.4 | 66    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66 | 67 |
| 36/F            | 128.6 | 66    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66 | 67 |
| Max Noise Level |       | 67    | 67    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 67    | 68    | 67    | 67    | 67    | 67    | 67    | 64    | 65    | 68    | 68    | 68    | 68    | 69    | 70    | 71 |    |
| Exceedance      |       | 0     |       |       |       | 0     |       | 0     |       |       | 0     |       |       |       |       | 0     |       | 0     |       |       |       |       | 0     |       |       | 0     |       |       | 1     |       |    |    |

|                          |      |
|--------------------------|------|
| Total no. of Flats:      | 1898 |
| Total no. of Exceedance: | 329  |
| Compliance Level:        | 83%  |
| Max. Noise Level:        | 77   |

Notes:

-

Not Applicable

71

Noise level exceed standard of 70 dB(A)

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers for PM Peak Flow  
Base Case

| Tower 1 (Low Zone) |      | N1-01 | N1-02 | N1-03 | N1-04 | N1-05 | N1-06 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 | N1-13 | N1-14 | N1-15 | N1-16 | N1-17 | N1-18 | N1-19 | N1-20 | N1-21 | N1-22 | N1-23 | N1-24 | N1-25 | N1-26 | N1-27 | N1-28 | N1-29 | N1-30 | N1-31 | N1-32 | N1-33 | N1-34 | N1-35 | N1-36 | N1-37 | N1-38 | N1-39 |    |    |
|--------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|
| Floor              | mPD  | 27.8  | 64    | 42    | 42    | 67    | 67    | 68    | 69    | 70    | 71    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 |    |
| 5/f                | 30.9 | 65    | 42    | 42    | 69    | 69    | 69    | 70    | 70    | 70    | 71    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 6/f                | 34.1 | 65    | 42    | 42    | 69    | 69    | 69    | 70    | 70    | 70    | 71    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 7/f                | 37.2 | 66    | 42    | 42    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61 | 61 |
| 8/f                | 40.4 | 66    | 42    | 42    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 71    | 71    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61 | 61 |
| 9/f                | 43.5 | 66    | 42    | 42    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 10/f               | 46.7 | 66    | 42    | 41    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 11/f               | 49.8 | 66    | 42    | 41    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 12/f               | 53.0 | 66    | 42    | 41    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 13/f               | 56.1 | 66    | 42    | 41    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 14/f               | 59.3 | 66    | 41    | 41    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 71    | 71    | 70    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 71    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 15/f               | 62.4 | 66    | 41    | 41    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 16/f               | 65.6 | 66    | 41    | 41    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 61    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 17/f               | 68.7 | 66    | 41    | 41    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 61    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| 18/f               | 71.9 | 66    | 41    | 41    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |
| Max Noise Level    |      | 66    | 42    | 42    | 69    | 69    | 69    | 70    | 70    | 70    | 71    | 72    | 72    | 71    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| Exceedance         |      | 0     |       |       | 0     |       |       |       | 3     |       |       | 12    | 71    | 72    | 11    | 72    | 72    | 11    | 72    | 72    | 11    | 72    | 72    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |

| Tower 1 (High Zone) |       | N1-01 | N1-02 | N1-03 | N1-04 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 | N1-13 | N1-14 | N1-15 | N1-16 | N1-17 | N1-18 | N1-19 | N1-20 | N1-21 | N1-22 | N1-23 | N1-24 | N1-25 | N1-26 | N1-27 | N1-28 | N1-29 | N1-30 | N1-31 | N1-32 | N1-05 | N1-06 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 |    |    |    |    |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|
| Floor               | mPD   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |    |    |
| 20/F                | 75.0  | 69    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 62 |    |
| 21/F                | 78.2  | 69    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 60 | 62 |
| 22/F                | 81.3  | 69    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 70    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 60 | 62 |
| 23/F                | 84.5  | 69    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 60 | 62 |
| 24/F                | 87.6  | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 25/F                | 90.8  | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 26/F                | 93.9  | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 27/F                | 97.1  | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 28/F                | 100.2 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 29/F                | 103.4 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 30/F                | 106.5 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 31/F                | 109.7 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 32/F                | 112.8 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 68    | 68    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 33/F                | 116.0 | 68    | 67    | 67    | 68    | 68    | 68    | 68    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 34/F                | 119.1 | 68    | 67    | 67    | 67    | 68    | 68    | 68    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 35/F                | 122.3 | 68    | 67    | 67    | 67    | 67    | 68    | 68    | 69    | 68    | 67    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 36/F                | 125.4 | 68    | 67    | 67    | 67    | 67    | 68    | 68    | 68    | 68    | 67    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| 37/F                | 128.6 | 68    | 67    | 67    | 67    | 67    | 67    | 68    | 68    | 68    | 67    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 61 |    |
| Max Noise Level     |       | 69    | 68    | 68    | 69    | 69    | 69    | 69    | 70    | 70    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 62 |    |
| Exceedance          |       | 0     |       |       |       |       |       |       | 0     |       |       | 0     |       |       | 0     |       |       | 0     |       | 0     |       | 0     | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60    | 60 | 60 | 62 |    |

| Tower 2 |  | N2-01 | N2-02 | N2-03 | N2-04 | N2-05 | N2-06 | N2-07 | N2-08 | N2-09 | N2-10 | N2-11 | N2-12 | N2-13 | N2-14 | N2-15 | N2-16 | N2-17 | N2-1 |
|---------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|---------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|

### Base Case

| Tower 3 (High Zone) |       | H3-01 | H3-02 | H3-03 | H3-04 | N3-05 | N3-06 | N3-07 | N3-08 | N3-09 | N3-10 | N3-11 | N3-12 | N3-13 | N3-14 | N3-15 | N3-16 | N3-17 | N3-18 | N3-19 | N3-20 | N3-21 | N3-22 | N3-23 | N3-24 | N3-25 | N3-26 | N3-27 | N3-28 | N3-29 | N3-30 | N3-31 | N3-32 |    |    |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|
| Floor               | mPD   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |
| 19/f                | 75.0  | 71    | 71    | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 66    | 66    | 65    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 64    | 64    | 64    | 65    | 67    |    |    |
| 20/f                | 76.2  | 71    | 71    | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 66    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 64    | 64    | 64    | 65    | 66 |    |
| 21/f                | 81.3  | 71    | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 64    | 64    | 64    | 65    | 66 |    |
| 22/f                | 84.5  | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 66 |    |
| 23/f                | 87.6  | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64 | 66 |
| 24/f                | 90.8  | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 65    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64 | 66 |
| 25/f                | 93.9  | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 65    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64 | 66 |
| 26/f                | 97.1  | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 65    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64 | 66 |
| 27/f                | 100.2 | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 68    | 65    | 65    | 64    | 60    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64 | 66 |
| 28/f                | 103.4 | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 68    | 68    | 65    | 65    | 65    | 64    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64 | 66 |
| 29/f                | 106.5 | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 68    | 68    | 68    | 65    | 64    | 64    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64 | 65 |
| 30/f                | 109.7 | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 65    | 64    | 64    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64 | 65 |
| 31/f                | 112.8 | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 65    | 64    | 64    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64 | 65 |
| 32/f                | 116.0 | 69    | 69    | 69    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 65    | 64    | 64    | 60    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63 | 65 |
| 33/f                | 119.1 | 69    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 64    | 64    | 64    | 60    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63 | 65 |
| 34/f                | 122.3 | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 64    | 64    | 64    | 60    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63 | 65 |
| 35/f                | 125.4 | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 64    | 64    | 64    | 60    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63 | 65 |
| 36/f                | 128.6 | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 64    | 64    | 64    | 60    | 60    | 61    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63 | 65 |
| Max Noise Level     | 71    | 71    | 71    | 71    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 66    | 66    | 65    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 64    | 64    | 64    | 65    | 67 |    |
| Exceedance          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |

| For  | NP3  | N4-01 | N4-02 | N4-03 | N4-04 | N4-05 | N4-06 | N4-07 | N4-08 | N4-09 | N4-10 | N4-11 | N4-12 | N4-13 | N4-14 | N4-15 | N4-16 | N4-17 | N4-18 | N4-19 | N4-20 | N4-21 | N4-22 | N4-23 | N4-24 | N4-25 | N4-26 |    |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| G/F  | 11.3 | 56    | 59    | 58    | 58    | 58    | 58    | 59    | 59    | 59    | 59    | 59    | 67    | 67    | 67    | 67    | 66    | 66    | -     | -     | -     | -     | -     | -     | 65    | 64    | 64    | 62 |
| 1/F  | 18.3 | 57    | 60    | 60    | 60    | 60    | 61    | 61    | 61    | 61    | 61    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 62 |
| 2/F  | 21.5 | 58    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 64    | 62 |
| 3/F  | 24.6 | 58    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 65    | 64    | 62 |
| 4/F  | 27.8 | 59    | 61    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 65    | 64    | 63 |
| 5/F  | 30.9 | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 64    | 64    | 63 |
| 6/F  | 34.1 | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 63 |
| 7/F  | 37.2 | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 64    | 62 |
| 8/F  | 40.4 | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 64    | 63 |
| 9/F  | 43.5 | 60    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 61 |
| 10/F | 46.7 | 60    | 62    | 63    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 62 |
| 11/F | 49.8 | 60    | 63    | 62    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63    | 62 |
| 12/F | 53.0 | 60    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63 |
| 13/F | 56.1 | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63    | 62 |
| 14/F | 59.3 | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 64    | 63    | 62 |
| 15/F | 62.4 | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 63    | 62 |
| 16/F | 65.6 | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 63    | 62 |
| 17/F | 68.7 | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 63    | 62 |
| 18/F | 71.9 | 61    | 63    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers for PM Peak Flow

Base Case

| Tower 5 |     | N5-01 | N5-02 | N5-03 | N5-04 | N5-05 | N5-06 | N5-07 | N5-08 | N5-09 | N5-10 | N5-11 | N5-12 | N5-13 | N5-14 | N5-15 | N5-16 | N5-17 | N5-18 | N5-19 | N5-20 | N5-21 | N5-22 | N5-23 | N5-24 | N5-25 | N5-26 | N5-27 | N5-28 | N5-29 |       |       |       |       |       |       |       |       |       |  |
|---------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Floor   | mPD | 11.3  | 15.3  | 18.3  | 21.5  | 24.6  | 27.8  | 30.9  | 34.1  | 37.2  | 40.4  | 43.5  | 46.7  | 49.8  | 53.0  | 56.1  | 59.3  | 62.4  | 65.6  | 68.7  | 71.9  | 75.0  | 78.2  | 81.3  | 84.5  | 87.6  | 90.8  | 93.9  | 97.1  | 100.2 | 103.4 | 106.5 | 109.7 | 112.8 | 116.0 | 119.1 | 122.3 | 125.4 | 128.6 |  |
| G/F     | 1/F | 2/F   | 3/F   | 4/F   | 5/F   | 6/F   | 7/F   | 8/F   | 9/F   | 10/F  | 11/F  | 12/F  | 13/F  | 14/F  | 15/F  | 16/F  | 17/F  | 18/F  | 19/F  | 20/F  | 21/F  | 22/F  | 23/F  | 24/F  | 25/F  | 26/F  | 27/F  | 28/F  | 29/F  | 30/F  | 31/F  | 32/F  | 33/F  | 34/F  | 35/F  | 36/F  | 37/F  | 38/F  |       |  |
|         |     | 66    | 65    | 65    | 64    | 53    | 56    | 58    | 57    | 57    | 58    | 57    | 59    | 62    | 59    | 66    | 66    | 65    | 65    | 65    | 65    | 62    | 63    | 66    | 66    | 66    | 66    | 66    | 67    | 68    | 69    |       |       |       |       |       |       |       |       |  |
|         |     | 66    | 65    | 65    | 64    | 56    | 56    | 59    | 58    | 58    | 59    | 57    | 59    | 63    | 59    | 66    | 66    | 65    | 65    | 65    | 65    | 65    | 62    | 63    | 66    | 66    | 66    | 66    | 67    | 68    | 69    |       |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 64    | 57    | 56    | 60    | 58    | 59    | 59    | 58    | 59    | 63    | 59    | 65    | 66    | 65    | 65    | 65    | 65    | 65    | 62    | 63    | 65    | 65    | 66    | 66    | 67    | 68    | 69    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 64    | 58    | 57    | 60    | 59    | 59    | 59    | 58    | 59    | 63    | 60    | 65    | 66    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 66    | 66    | 67    | 67    | 69    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 64    | 58    | 57    | 61    | 59    | 60    | 59    | 58    | 60    | 63    | 60    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 65    | 66    | 67    | 68    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 64    | 59    | 57    | 61    | 59    | 60    | 60    | 58    | 60    | 63    | 60    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 65    | 66    | 67    | 68    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 59    | 58    | 61    | 60    | 60    | 60    | 59    | 60    | 64    | 60    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 65    | 66    | 67    | 68    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 59    | 58    | 62    | 60    | 61    | 61    | 59    | 61    | 64    | 61    | 65    | 65    | 65    | 64    | 64    | 64    | 64    | 60    | 62    | 64    | 64    | 65    | 65    | 66    | 66    | 68    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 59    | 59    | 62    | 60    | 61    | 61    | 60    | 61    | 64    | 61    | 64    | 65    | 64    | 64    | 64    | 64    | 60    | 62    | 64    | 64    | 64    | 64    | 64    | 65    | 66    | 67    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 60    | 59    | 62    | 60    | 62    | 61    | 60    | 61    | 64    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 60    | 62    | 64    | 64    | 64    | 64    | 64    | 65    | 66    | 67    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 61    | 64    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 62    | 64    | 64    | 64    | 64    | 64    | 65    | 66    | 67    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 61    | 64    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 62    | 64    | 64    | 64    | 64    | 64    | 65    | 66    | 67    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 61    | 64    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 62    | 64    | 64    | 64    | 64    | 64    | 65    | 66    | 67    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 60    | 61    | 63    | 61    | 63    | 62    | 61    | 62    | 64    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 65    | 67    |       |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 61    | 63    | 62    | 63    | 62    | 62    | 62    | 64    | 61    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 59    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 65    | 67    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 61    | 63    | 62    | 63    | 63    | 62    | 62    | 65    | 61    | 64    | 64    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 61    | 64    | 62    | 63    | 63    | 62    | 62    | 65    | 61    | 64    | 64    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 62    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 58    | 61    | 63    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 66    |       |       |       |       |       |       |  |
|         |     | 66    | 66    | 66    | 65    | 65    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 61    | 63    | 63    | 63    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |

|                          |      |
|--------------------------|------|
| Total no. of Flats:      | 1898 |
| Total no. of Exceedance: | 229  |
| Compliance Level:        | 88%  |
| Max. Noise Level:        | 76   |

Notes:

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Not Applicable

71

Noise level exceed standard of 70 dB(A)

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers  
RCHE

| Base Case (AM) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Floor          | mPD  | RG-01 | RG-02 | RG-03 | RG-04 | RG-05 | RG-06 | RG-07 | RG-08 | RG-09 | RC-01 | RC-02 | RC-03 | RC-04 | RC-05 | RC-06 | RC-07 | RC-08 | RC-09 | RC-10 | RC-11 | RC-12 | RC-13 | RC-14 |
| G/F            | 11.3 | 62    | 52    | 53    | 53    | 52    | 56    | 57    | 58    | 56    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1/F            | 14.6 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 62    | 62    | 62    | 57    | 52    | 53    | 54    | 53    | 54    | 58    | 58    | 58    | 57    | 57    |
| 2/F            | 17.9 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 62    | 62    | 63    | 58    | 55    | 56    | 56    | 55    | 56    | 60    | 60    | 60    | 58    | 58    |

| Base Case (PM) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Floor          | mPD  | RG-01 | RG-02 | RG-03 | RG-04 | RG-05 | RG-06 | RG-07 | RG-08 | RG-09 | RC-01 | RC-02 | RC-03 | RC-04 | RC-05 | RC-06 | RC-07 | RC-08 | RC-09 | RC-10 | RC-11 | RC-12 | RC-13 | RC-14 |
| G/F            | 11.3 | 61    | 51    | 51    | 52    | 50    | 55    | 56    | 57    | 55    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 1/F            | 14.6 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 61    | 61    | 61    | 56    | 51    | 52    | 53    | 52    | 52    | 57    | 57    | 57    | 56    | 56    |
| 2/F            | 17.9 | -     | -     | -     | -     | -     | -     | -     | -     | -     | 61    | 61    | 61    | 57    | 54    | 55    | 55    | 54    | 55    | 59    | 59    | 59    | 58    | 57    |

Notes:

|    |                                         |
|----|-----------------------------------------|
| -  | Not Applicable                          |
| 71 | Noise level exceed stardand of 70 dB(A) |

**Appendix 3-6      Results of Road Traffic Noise Impact Assessment (Mitigated  
Scenario)**

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers  
Mitigated (Acoustic Window (Baffle Type), Enhanced Acoustic Door (Baffle Type))

| Tower 1 (Low Zone) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |
|--------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|
| Floor              | mPD  | N1-01 | N1-02 | N1-03 | N1-04 | N1-05 | N1-06 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 | N1-13 | N1-14 | N1-15 | N1-16 | N1-17 | N1-18 | N1-19 | N1-20 | N1-21 | N1-22 | N1-23 | N1-24 | N1-25 | N1-26 | N1-27 | N1-28 | N1-29 | N1-30 | N1-31 | N1-32 | N1-33 | N1-34 | N1-35 | N1-36 | N1-37 | N1-38 | N1-39 |    |    |
| 5/F                | 27.8 | 65    | 43    | 43    | 67    | 68    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 |    |
| 6/F                | 30.9 | 66    | 43    | 43    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 | 63 |
| 7/F                | 34.1 | 66    | 43    | 43    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 | 63 |
| 8/F                | 37.2 | 66    | 43    | 43    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 | 63 |
| 9/F                | 40.4 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 | 63 |
| 10/F               | 43.5 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 | 63 |
| 11/F               | 46.7 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 12/F               | 49.8 | 67    | 43    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 13/F               | 53.0 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 14/F               | 56.1 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 15/F               | 59.3 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 16/F               | 62.4 | 67    | 42    | 42    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 17/F               | 65.6 | 67    | 42    | 42    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 18/F               | 68.7 | 67    | 42    | 42    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 62    | 63    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| 19/F               | 71.9 | 67    | 42    | 42    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 |
| Max Noise Level    |      | 67    | 43    | 43    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63 | 63 |
| Exceedance         |      | 0     |       |       |       | 0     |       |       | 0     |       |       | 0     |       |       | 0     |       |       | 0     |       |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0  |    |

| Tower 1 (High Zone) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |    |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|
| Floor               | mPD   | H1-01 | H1-02 | H1-03 | H1-04 | N1-07 | N1-08 | N1-09 | N1-10 | N1-11 | N1-12 | N1-13 | N1-14 | N1-15 | N1-16 | N1-17 | N1-18 | N1-19 | N1-20 | N1-21 | N1-22 | N1-23 | N1-24 | N1-25 | N1-26 | N1-27 | N1-28 | N1-29 | N1-30 | N1-31 | N1-32 | H1-05 | H1-06 | H1-07 | H1-08 | H1-09 | H1-10 | H1-11 | H1-12 |    |    |    |
| 20/f                | 75.0  | 70    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 |    |    |
| 21/f                | 78.2  | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 |    |
| 22/f                | 81.3  | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 23/f                | 84.5  | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 24/f                | 87.6  | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 25/f                | 90.8  | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 26/f                | 93.9  | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 27/f                | 97.1  | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 28/f                | 100.2 | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 29/f                | 103.4 | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 30/f                | 106.5 | 69    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 31/f                | 109.7 | 69    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 32/f                | 112.8 | 69    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 33/f                | 116.0 | 69    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 34/f                | 119.1 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 35/f                | 122.3 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 36/f                | 125.4 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| 37/f                | 128.6 | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| Max Noise Level     |       | 70    | 69    | 69    | 69    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 61    | 61    | 61    | 61    | 61    | 61    | 61 | 61 | 61 |
| Exceedance          |       | 0     |       |       |       | 0     |       |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |    | 0  |    |

| Tower 2 |  | N2-01 | N2-02 | N2-03 | N2-04 | N2-05 | N2-06 | N2-07 | N2-08 | N2-0 |
|---------|--|-------|-------|-------|-------|-------|-------|-------|-------|------|
|---------|--|-------|-------|-------|-------|-------|-------|-------|-------|------|

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers  
Mitigated (Acoustic Window (Baffle Type), Enhanced Acoustic Door (Baffle Type))

| Tower 3 (Low Zone) |      |    | N3-01 | N3-02 | N3-03 | N3-04 | N3-05 | N3-06 | N3-07 | N3-08 | N3-09 | N3-10 | N3-11 | N3-12 | N3-13 | N3-14 | N3-15 | N3-16 | N3-17 | N3-18 | N3-19 | N3-20 | N3-21 | N3-22 | N3-23 | N3-24 | N3-25 | N3-26 | N3-27 | N3-28 | N3-29 | N3-30 | N3-31 | N3-32 |    |    |    |    |    |
|--------------------|------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|----|
| Floor              | mPD  |    |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |    |    |    |    |
| 1/F                | 11.3 | -  | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 68    | 60    | 59    | 59    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |    |    |    |    |    |
| 2/F                | 18.3 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 61    | 61    | 61    | 62    | 62    | 63    | 63    | 64    | 65    | 65    | 66    | 67    | 69 |    |    |    |    |
| 3/F                | 21.5 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 65    | 65    | 66    | 67    | 69    |    |    |    |    |    |
| 4/F                | 24.6 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 63    | 63    | 63    | 63    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 69    |    |    |    |    |    |
| 5/F                | 27.8 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67    | 69 |    |    |    |    |
| 6/F                | 30.9 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67    | 69 |    |    |    |    |
| 7/F                | 34.1 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67    | 69 |    |    |    |    |
| 8/F                | 37.2 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67    | 69 |    |    |    |    |
| 9/F                | 40.4 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66 | 67 | 69 |    |    |
| 10/F               | 43.5 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67 | 69 |    |    |    |
| 11/F               | 46.7 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 68    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67 | 69 |    |    |    |
| 12/F               | 49.8 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 68    | 68    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66    | 67 | 69 |    |    |    |
| 13/F               | 53.0 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 68    | 68    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66    | 66 | 67 | 69 |    |    |
| 14/F               | 56.1 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 68    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66 | 66 | 67 | 69 |    |
| 15/F               | 59.3 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 68    | 68    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66 | 66 | 67 | 69 |    |
| 16/F               | 62.4 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 68    | 68    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 66 | 67 | 69 |
| 17/F               | 65.6 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 68    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 66 | 67 | 69 |
| 18/F               | 68.7 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 68    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 66 | 67 | 69 |
| 19/F               | 71.9 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 68    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 66 | 67 | 69 |
| Max Noise Level    |      | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 66    | 66    | 66    | 67 | 67 | 69 |    |    |
| Exceedance         |      | 0  |       |       | 0     |       |       | 0     |       |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     | 69    | 63    | 63    | 63    | 64    | 64    | 0     | 64    | 65    | 65    | 66    | 66    | 66    | 67 | 69 |    |    |    |

| Tower 3 (High Zone) |       |    | H3-01 | H3-02 | H3-03 | H3-04 | N3-05 | N3-06 | N3-07 | N3-08 | N3-09 | N3-10 | N3-11 | N3-12 | N3-13 | N3-14 | N3-15 | N3-16 | N3-17 | N3-18 | N3-19 | N3-20 | N3-21 | N3-22 | N3-23 | N3-24 | N3-25 | N3-26 | N3-27 | N3-28 | N3-29 | N3-30 | N3-31 | N3-32 |    |    |    |    |    |    |
|---------------------|-------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|----|----|----|----|
| Floor               | mPD   |    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |    |    |    |    |
| 19/F                | 75.0  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 67    | 67    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |    |    |    |    |    |
| 20/F                | 78.2  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 67    | 66    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66 | 67 |    |    |    |    |
| 21/F                | 81.3  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 67    | 66    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66 | 67 |    |    |    |    |
| 22/F                | 84.5  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 66    | 66    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 67 |    |    |    |
| 23/F                | 87.6  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 66    | 66    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 67 |    |    |    |
| 24/F                | 90.8  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 66    | 66    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65 | 66 | 67 |    |    |    |
| 25/F                | 93.9  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 66    | 66    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65 | 65 | 66 | 67 |    |    |
| 26/F                | 97.1  | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 66    | 66    | 66    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65 | 65 | 66 | 67 |    |    |
| 27/F                | 100.2 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 66    | 66    | 66    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65 | 65 | 66 | 67 |    |    |
| 28/F                | 103.4 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 66    | 66    | 65    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65 | 65 | 66 | 67 |    |    |
| 29/F                | 106.5 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 66    | 66    | 65    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65 | 65 | 66 | 67 |    |    |
| 30/F                | 109.7 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 66    | 66    | 65    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65 | 65 | 66 | 67 |    |    |
| 31/F                | 112.8 | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64 | 65 | 65 | 66 | 67 |    |
| 32/F                | 116.0 | 70 | 70    | 70    | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64    | 64 | 65 | 65 | 66 | 67 |    |
| 33/F                | 119.1 | 70 | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 64    | 64 | 64 | 65 | 65 | 66 | 67 |
| 34/F                | 122.3 | 70 | 70    | 70    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 66    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 64    | 64 | 64 | 65 | 65 | 66 | 67 |
| 35/F                | 125.4 | 70 | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 65    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 | 62 | 62 | 62 | 62 |
| 36/F                | 128.6 | 70 | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 69    | 65    | 65    | 65    | 61    | 61    | 61    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62 | 62 | 62 | 62 | 62 | 62 |
| Max Noise Level     |       | 70 | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 70    | 67    | 67    | 67    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65 | 65 | 66 | 67 | 67 |    |
| Exceedance          |       | 0  |       |       |       |       | 0     |       |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     |       | 0     | 62    | 62    | 62    | 63    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 65    | 66 | 67 | 67 | 67 | 67 |    |

| Tower 4         |       | N4-01 | N4-02 | N4-03 | N4-04 | N4-05 | N4-06 | N4-07 | N4-08 | N4-09 | N4-10 | N4-11 | N4-12 | N4-13 | N4-14 | N4-15 | N4-16 | N4-17 | N4-18 | N4-19 | N4-20 | N4-21 | N4-22 | N4-23 | N4-24 | N4-25 | N4-26 |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Floor           | mPD   | 11.3  | 57    | 59    | 59    | 59    | 59    | 59    | 59    | 59    | 60    | 60    | 68    | 68    | 68    | 68    | 68    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 2/f             | 18.3  | 38    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 61    | 62    | 62    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 66    | 66    | 64    |
| 2/f             | 21.5  | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 66    | 64    |
| 3/f             | 24.6  | 59    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 65    | 64    |
| 4/f             | 27.8  | 59    | 62    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 63    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 66    | 66    | 65    | 64    |
| 5/f             | 30.9  | 60    | 62    | 62    | 62    | 62    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 66    | 66    | 65    | 64    |
| 6/f             | 34.1  | 60    | 62    | 63    | 62    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 66    | 66    | 65    | 65    | 64    |
| 7/f             | 37.2  | 60    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 66    | 66    | 65    | 65    | 63    |
| 8/f             | 40.4  | 60    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 65    | 63    |
| 9/f             | 43.5  | 60    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 65    | 63    |
| 10/f            | 46.7  | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 67    | 67    | 66    | 65    | 65    | 64    |
| 11/f            | 49.8  | 61    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 68    | 68    | 68    | 68    | 67    | 68    | 67    | 67    | 67    | 67    | 66    | 65    | 65    | 64    |
| 12/f            | 53.0  | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 68    | 68    | 68    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 64    | 63    |
| 13/f            | 56.1  | 61    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 64    | 64    | 68    | 68    | 68    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 65    | 64    | 63    |
| 14/f            | 59.3  | 62    | 64    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 67    | 66    | 64    | 64    | 63    |
| 15/f            | 62.4  | 62    | 64    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 65    | 64    | 63    |
| 16/f            | 65.6  | 62    | 64    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 65    | 64    | 63    |
| 17/f            | 68.7  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 68    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 64    | 63    |
| 18/f            | 71.9  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 63    | 62    |
| 19/f            | 75.0  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 65    | 64    | 63    | 62    |
| 20/f            | 78.2  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 62    |
| 21/f            | 81.3  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 67    | 66    | 65    | 64    | 63    | 62    |
| 22/f            | 84.5  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 67    | 66    | 65    | 64    | 63    | 62    |
| 23/f            | 87.6  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 67    | 66    | 65    | 64    | 63    | 62    |
| 24/f            | 90.8  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 62    | 61    |
| 25/f            | 93.9  | 62    | 64    | 63    | 63    | 64    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 62    |
| 26/f            | 97.1  | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 64    | 67    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 62    |
| 27/f            | 100.2 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 64    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 64    | 64    | 63    | 62    |
| 28/f            | 103.4 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 64    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 66    | 66    | 64    | 64    | 63    | 62    |
| 29/f            | 106.5 | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 64    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 66    | 66    | 64    | 63    | 63    | 62    |
| 30/f            | 109.7 | 62    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 66    | 65    | 65    | 65    | 65    | 64    | 63    | 63    | 62    | 61    | 60    |
| 31/f            | 112.8 | 62    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 66    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 63    | 62    |
| 32/f            | 116.0 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 63    | 62    |
| 33/f            | 119.1 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62    | 61    |
| 34/f            | 122.3 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62    | 61    |
| 35/f            | 125.4 | 62    | 64    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62    | 61    |
| 36/f            | 128.6 | 62    | 64    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 63    | 66    | 65    | 65    | 65    | 65    | 65    | 65    | 65    | 66    | 65    | 64    | 63    | 62    | 61    |
| Max Noise Level |       | 62    | 64    | 64    | 63    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 64    | 69    | 69    | 69    | 68    | 68    | 68    | 68    | 68    | 68    | 67    | 67    | 66    | 66    | 64    |
| Exceedance      |       | 0     |       |       | 0     |       | 0     |       |       | 0     |       | 0     |       | 0     |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |       |       | 0     |

Predicted Road Traffic Noise (L10, dB(A)) at Selected Sensitive Receivers  
Mitigated (Acoustic Window (Baffle Type), Enhanced Acoustic Door (Baffle Type))

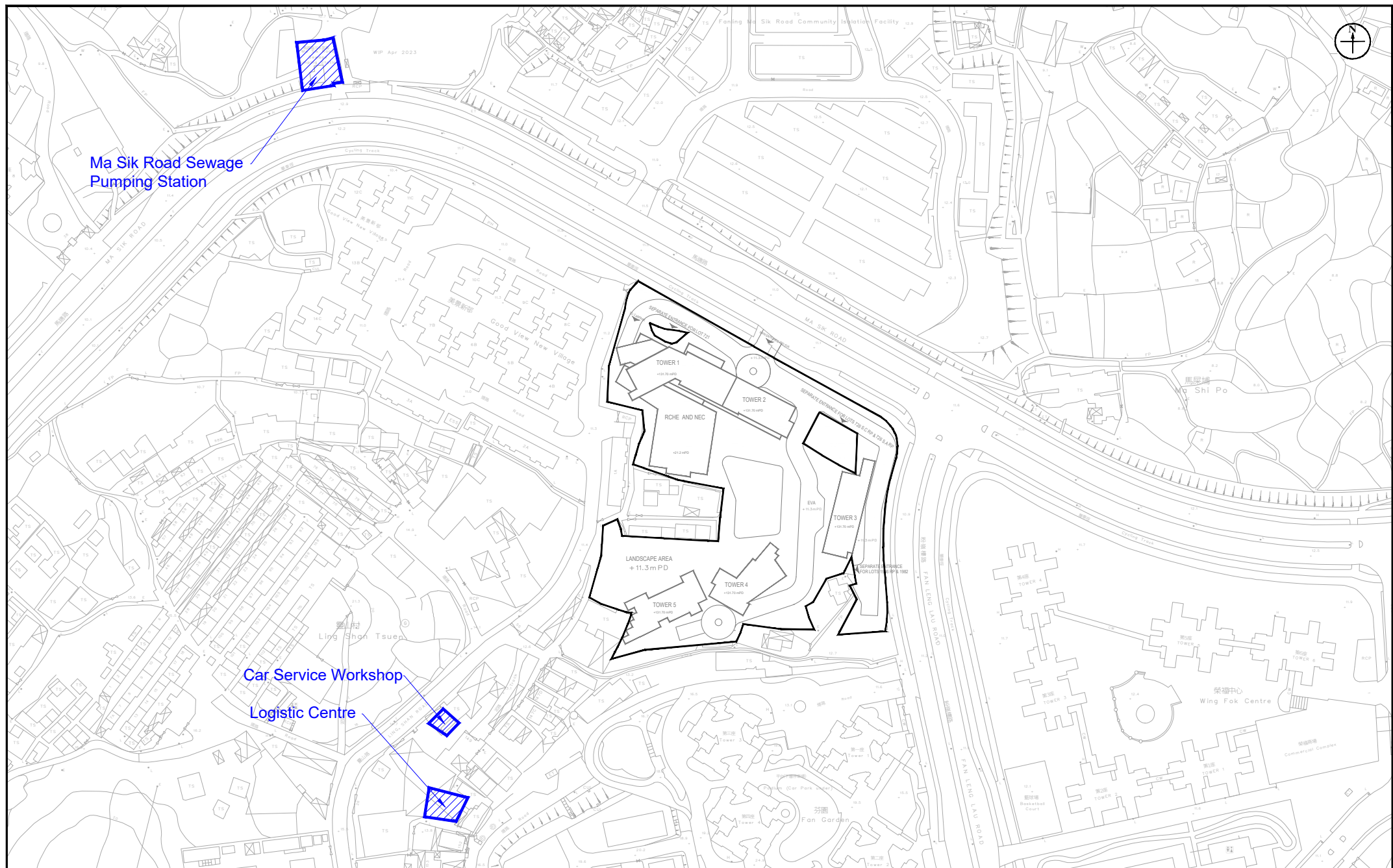
| Tower 5         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Floor           | nPD   | N5-01 | N5-02 | N5-03 | N5-04 | N5-05 | N5-06 | N5-07 | N5-08 | N5-09 | N5-10 | N5-11 | N5-12 | N5-13 | N5-14 | N5-15 | N5-16 | N5-17 | N5-18 | N5-19 | N5-20 | N5-21 | N5-22 | N5-23 | N5-24 | N5-25 | N5-26 | N5-27 | N5-28 | N5-29 |    |
| 11/F            | 11.3  | 67    | 66    | 65    | 64    | 54    | 57    | 59    | 57    | 58    | 59    | 58    | 60    | 63    | 60    | 67    | 68    | 67    | 67    | 67    | 67    | 64    | 65    | 68    | 68    | 68    | 68    | 69    | 70    | 70    |    |
| 1/F             | 18.3  | 67    | 66    | 66    | 65    | 57    | 57    | 60    | 59    | 59    | 59    | 58    | 60    | 63    | 60    | 67    | 68    | 67    | 67    | 67    | 67    | 64    | 65    | 68    | 68    | 68    | 68    | 69    | 70    | 70    |    |
| 2/F             | 21.5  | 67    | 66    | 66    | 65    | 58    | 57    | 61    | 59    | 60    | 59    | 58    | 60    | 63    | 60    | 67    | 68    | 67    | 67    | 67    | 67    | 64    | 65    | 67    | 67    | 68    | 68    | 69    | 70    | 70    |    |
| 3/F             | 24.6  | 67    | 66    | 66    | 65    | 58    | 57    | 61    | 59    | 60    | 60    | 58    | 60    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 64    | 65    | 67    | 67    | 68    | 68    | 69    | 70    | 70    |    |
| 4/F             | 27.8  | 67    | 66    | 66    | 65    | 59    | 58    | 61    | 60    | 60    | 60    | 59    | 60    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 63    | 65    | 67    | 67    | 67    | 68    | 68    | 69    | 70    |    |
| 5/F             | 30.9  | 67    | 66    | 66    | 65    | 59    | 58    | 60    | 60    | 61    | 60    | 59    | 61    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 67    | 63    | 65    | 67    | 67    | 67    | 67    | 68    | 69    | 70    |    |
| 6/F             | 34.1  | 67    | 66    | 66    | 65    | 59    | 58    | 62    | 60    | 61    | 61    | 59    | 61    | 64    | 61    | 67    | 67    | 67    | 67    | 67    | 66    | 66    | 63    | 64    | 67    | 67    | 67    | 68    | 68    | 69    |    |
| 7/F             | 37.2  | 67    | 66    | 66    | 65    | 60    | 59    | 62    | 60    | 61    | 61    | 60    | 61    | 64    | 61    | 66    | 67    | 66    | 66    | 66    | 66    | 66    | 63    | 64    | 66    | 66    | 67    | 67    | 68    | 68    | 69 |
| 8/F             | 40.4  | 67    | 66    | 66    | 65    | 60    | 59    | 63    | 61    | 62    | 61    | 60    | 61    | 64    | 61    | 66    | 67    | 66    | 66    | 66    | 66    | 66    | 62    | 64    | 66    | 66    | 66    | 67    | 67    | 68    | 69 |
| 9/F             | 43.5  | 67    | 66    | 66    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 62    | 65    | 61    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 62    | 64    | 66    | 66    | 66    | 67    | 68    | 69    |    |
| 10/F            | 46.7  | 67    | 67    | 66    | 65    | 60    | 60    | 63    | 61    | 62    | 62    | 61    | 62    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 62    | 64    | 66    | 66    | 66    | 67    | 68    | 69    |    |
| 11/F            | 49.8  | 67    | 67    | 66    | 66    | 61    | 61    | 63    | 61    | 63    | 62    | 61    | 62    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 66    | 66    | 61    | 63    | 65    | 65    | 66    | 66    | 67    | 67    | 68 |
| 12/F            | 53.0  | 67    | 67    | 66    | 66    | 61    | 61    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 61    | 63    | 65    | 65    | 66    | 66    | 67    | 67    | 68 |
| 13/F            | 56.1  | 67    | 67    | 66    | 66    | 61    | 61    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 62    | 66    | 66    | 66    | 66    | 66    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 66    | 66    | 67    | 68 |
| 14/F            | 59.3  | 67    | 67    | 66    | 66    | 61    | 62    | 64    | 62    | 63    | 63    | 62    | 63    | 65    | 62    | 65    | 66    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 65    | 66    | 67    | 68    | 69 |
| 15/F            | 62.4  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 62    | 64    | 63    | 62    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 61    | 63    | 65    | 65    | 65    | 65    | 66    | 67    | 68    | 69 |
| 16/F            | 65.6  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 63    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 60    | 63    | 65    | 65    | 65    | 65    | 66    | 67    | 68    | 69 |
| 17/F            | 68.7  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 63    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 60    | 63    | 65    | 65    | 65    | 65    | 66    | 66    | 67    | 68 |
| 18/F            | 71.9  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 63    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 65    | 65    | 60    | 62    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 68 |
| 19/F            | 75.0  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 65    | 65    | 65    | 65    | 64    | 64    | 60    | 62    | 64    | 64    | 65    | 65    | 66    | 66    | 67    | 68 |
| 20/F            | 78.2  | 67    | 67    | 66    | 66    | 62    | 62    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 65    | 65    | 64    | 65    | 64    | 64    | 60    | 62    | 64    | 64    | 64    | 65    | 66    | 66    | 67    | 68 |
| 21/F            | 81.3  | 67    | 67    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 65    | 65    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67    | 68 |
| 22/F            | 84.5  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 65    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67    | 68 |
| 23/F            | 87.6  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 65    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67    | 68 |
| 24/F            | 90.8  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67    | 68 |
| 25/F            | 93.9  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 65    | 65    | 66    | 67    | 68 |
| 26/F            | 97.1  | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67    | 68 |
| 27/F            | 100.2 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67    | 68 |
| 28/F            | 103.4 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 61    | 62    | 64    | 64    | 64    | 64    | 65    | 66    | 67    | 68 |
| 29/F            | 106.5 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 60    | 62    | 64    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |
| 30/F            | 109.7 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 60    | 62    | 63    | 64    | 64    | 64    | 65    | 65    | 66    | 67 |
| 31/F            | 112.8 | 67    | 66    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 64    | 64    | 64    | 64    | 63    | 60    | 62    | 63    | 63    | 64    | 64    | 65    | 65    | 66 |
| 32/F            | 116.0 | 67    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 63    | 64    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 64    | 64    | 65    | 65    | 66 |
| 33/F            | 119.1 | 67    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 64    | 64    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 64    | 64    | 64    | 65    | 65    | 66 |
| 34/F            | 122.3 | 66    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66 |
| 35/F            | 125.4 | 66    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66    | 67 |
| 36/F            | 128.6 | 66    | 66    | 66    | 65    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 61    | 63    | 64    | 63    | 63    | 63    | 63    | 60    | 61    | 63    | 63    | 63    | 64    | 64    | 65    | 66    | 67 |
| Max Noise Level |       | 67    | 67    | 66    | 66    | 62    | 63    | 64    | 63    | 64    | 64    | 63    | 63    | 65    | 62    | 67    | 68    | 67    | 67    | 67    | 67    | 67    | 64    | 65    | 68    | 68    | 68    | 69    | 70    | 70    |    |
| Exceedance      |       | 0     |       |       |       | 0     |       | 0     |       |       | 0     |       |       |       |       | 0     |       | 0     |       |       |       |       | 0     |       |       | 0     |       |       | 0     |       |    |

|                          |      |
|--------------------------|------|
| Total no. of Flats:      | 1898 |
| Total no. of Exceedance: | 0    |
| Compliance Level:        | 100% |
| Max. Noise Level:        | 70   |

|    |                                         |
|----|-----------------------------------------|
| -  | Not Applicable                          |
| 71 | Noise level exceed standard of 70 dB(A) |
|    | Acoustic Window (Baffle Type)           |
|    | Enhanced Acoustic Balcony (Baffle Type) |

\*The predicted noise level is not the actual noise level at external façade after application of acoustic window/ acoustic door (baffle type). These predicted noise levels are the equivalent noise levels at 1m from the external façade after accounting the reduction in noise levels inside the flat offered by the proposed acoustic window/ acoustic door (baffle type).

## **Appendix 2-2      Identified Fixed Noise Sources Extracted from EA**



**Figure:** 4-1

**Title:** Fixed Noise Sources

**Project:** S16 Minor Relaxation of Plot Ratio and Building Height Restrictions for Permitted Residential Development with Social Welfare Facilities at Various Lots in D.D. 51 and Adjoining Government Land at Ma Sik Road, Fanling, New Territories

**RAMBOLL**

Drawn by: CM

Checked by: BF

Rev.: 2.1

Date: Apr 2024

**Appendix 2-3      Proposed Disposal Methods, Recommendations and Proposed Mitigation Measures for Waste Management Extracted from EA**

## 5. WASTE MANAGEMENT

### 5.1 Introduction

- 5.1.1 This assessment examines the types and quantities of potential sources of waste that will be arisen during the construction phase and evaluate the potential environmental impacts associated with their handling and disposal. Options for avoidance, minimization, reuse, recycling, treatment, storage, collection, transport and disposal of such wastes are examined.
- 5.1.2 Where unacceptable impacts are identified, appropriate mitigation measures and good site practices are recommended. Disposal options will be outlined for each type of waste.
- 5.1.3 The recommendations will be carried out in accordance with the current requirements for waste management.

### 5.2 Legislation

- 5.2.1 The following legislations and guidelines are relevant to the handling, treatment and disposal of waste in HKSAR and reference were made in assessing the potential impacts and their avoidance or mitigation:
- Waste Disposal Ordinance (Cap. 354);
  - Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354C);
  - Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354N);
  - Practice Note for Authorized Persons and Registered Structural Engineers – Construction and Demolition Waste (PNAP ADV-19, also know as PN for AR&RSE No. 243).

### 5.3 Waste Generation During Construction Stage

- 5.3.1 The construction activities to be carried out under demolition of existing buildings, site clearance, excavation of basements and construction of building would generate a variety of wastes that can be divided into distinct categories based on their composition and ultimate method of disposal. The identified waste types include:
- construction and demolition (C&D) materials;
  - chemical waste;
  - general refuse; and

### 5.4 C&D Materials

- 5.4.1 C&D materials comprise mainly of unwanted materials, including surplus materials generated from demolition of existing buildings, site clearance, excavation of basements and construction of building. C&D materials may comprise different types of materials including:
- Non-inert C&D materials (also known as C&D waste, including bamboo, timber, vegetation from site clearance, paper, metal, glass, plastic, packaging wastes, etc.). Non-inert C&D materials should be reused or recycled as far as possible. For those non-inert C&D materials that cannot be reused or recycle will be disposed at landfill as last resort.
  - Inert C&D materials (also known as public fill, including soil, rock, debris, rubble earth, concrete, etc.) do not decompose and are suitable to reuse as filling

materials for land reclamation and site formation. Inert C&D materials could be reused on-site as filling materials. For those inert C&D materials that cannot be reused should be disposed at Public Fill Reception Facilities.

- 5.4.2 The general waste management strategy is to avoid waste generation in the first place. Should it be unavoidable, reduction and segregation at-source should be exercised as far as practicable and recycling and reuse should be adopted at the same time to salvage all the recyclable and reusable materials as much as possible.
- 5.4.3 Inert C&D materials should be re-used on-site for backfilling if it is practical and/or disposed at public filling area or other CEDD designated public fill reception facilities. Non-inert C&D materials (i.e. C&D waste) should be re-used or recycled. For those that cannot be reused or recycled should be disposed at designated landfill sites as last resort. The details are shown in **Table 5.1**.
- 5.4.4 The Contractor(s) should be responsible for ensuring that waste is collected by approved waste collectors and appropriate measures are taken to minimise adverse impacts to the surrounding environment, such as dust generation. The Contractor(s) must also ensure that all necessary waste disposal permits are obtained.
- 5.4.5 Prior to disposal of non-inert C&D materials, it is recommended that wood, steel, glass and other metals be separated for re-use and/or recycling and inert C&D materials utilized as fill materials to minimize the quantity of waste to be disposed to NENT Landfill and Public Fill Reception Facilities respectively. The details are shown in **Table 5.1**.

## 5.5 Chemical Waste

- 5.5.1 Construction plant and equipment will require regular maintenance and servicing, which would generate waste such as solvents, lubrication oil and fuel, etc. The amount of chemical waste generated will be small (less than few cubic meters per month). Chemical wastes arising during the construction phase may pose serious environmental, health and safety hazards if not stored and disposed of in an appropriate manner.
- 5.5.2 The Contractor is required to register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.
- 5.5.3 Chemical wastes such as wasted solvents, lubrication oil and fuel, etc. will need special handling and storage arrangements and should be collected by licensed collectors for subsequent disposal and appropriate treatment at licensed waste disposal facilities, for example the Chemical Waste Treatment Facility Centre in Tsing Yi. Mitigation and control requirements for chemical waste are provided in the "Recommended Pollution Control Clauses for Construction Contracts" available in EPD website mentioned the handling, storage and disposal of chemical wastes. With good management and site particles, adverse environmental impacts should not result.

## 5.6 General Refuse

- 5.6.1 The volume of general site wastes to be generated will depend on the Contractor's operating procedure and practices. Throughout the construction stage, the workforce would generate general refuse comprising food scraps, waste paper, empty containers, etc. Release of general refuse into watercourses or marine waters should not be permitted as introduction of these wastes is likely to have detrimental effects on water quality in the area. Effective collection of site wastes would be required to prevent

waste materials being blown around by wind, flushed or leached into the marine environment, and odour nuisance. The work sites may also attract pests and vermin if the waste storage area is not well maintained and cleaned regularly. Disposal of refuse at sites other than approved waste transfer or disposal facilities can also result in similar impacts.

- 5.6.2 As no information regarding the number of workers on-site is available at this early project state, it has been assumed that about 100 workers in average will work on the Subject Site during site formation at any one time. Based on a generation rate of 0.65 kg per worker per day, the daily arising of general refuse during site formation would be approximately 65 kg/day.
- 5.6.3 Recyclable materials (i.e. paper, plastic bottles and aluminium cans) will be separated for recycling, in order to reduce the amount of general refuse to be disposed at landfill. Adequate number of enclosed waste containers will be provided to avoid over-spillage of waste. The non-recyclable refuse will be placed in bags and stored in enclosed containers, and disposed of on a daily basis to designated landfill. Given that the quantity of general refuse to be disposed of is small, no adverse impact on the operation of these waste disposal facilities is anticipated.
- 5.6.4 With the implementation of the recommended waste management practices at the site, adverse environmental impacts would not arise from the storage, handling and transportation of refuse.
- 5.6.5 The estimated quantities of non-inert C&D materials & inert C&D materials and other wastes are shown in **Table 5.1**.

**Table 5.1 Estimated Quantities of Waste during Construction Phase**

| Type of Waste           | Estimated Waste Generation          | Proposed Disposal Method                                                                                                                                                                                     |
|-------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Non-inert C&D Materials | ~29,000 m <sup>3</sup>              | ~90% (i.e. ~26,000 m <sup>3</sup> ) of Non-inert C&D Materials (Building Construction) would be re-used/recycled and the remaining (i.e. 10% or ~2,900 m <sup>3</sup> ) would be disposed to NENT Landfill   |
| Inert C&D Materials     | ~115,000 m <sup>3</sup>             | ~5% (i.e. ~5,750 m <sup>3</sup> ) of Inert C&D Materials would be reused on-site and the remaining (i.e. 95% or ~109,250 m <sup>3</sup> ) would be delivered off-site to public filling reception facilities |
| General Refuse          | 65 kg/day<br>(Preliminary estimate) | NENT Landfill                                                                                                                                                                                                |

| Type of Waste                                                                                                    | Estimated Waste Generation                                 | Proposed Disposal Method                             |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|
| Chemical Waste (e.g. cleansing fluids, solvent, lubrication oil and fuel from construction plants and equipment) | Less than few cubic meters/month<br>(Preliminary estimate) | To be collected by licensed chemical waste collector |

## 5.7 Waste Disposal Measures

- 5.7.1 Waste generated by the Application Site should be properly sorted and certain waste management requirements must be followed to minimise the impacts arising as a result of the generation, storage, handling, transport, and disposal of wastes. Good site management and control can prevent the generation of significant amounts of "mixed waste". For unavoidable wastes, reuse, recycling and optimal disposal are most practical when segregation occurs on the construction site, categorised as follows:
- Public fill (inert C&D materials) for reuse on-site or disposal at public fill reception facilities;
  - Non-inert C&D materials for reuse or recycle or disposal at landfill as last resort;
  - Chemical waste for treatment at licensed facilities; and
  - General refuse for reuse or recycle or disposal at landfill.
- 5.7.2 Proper storage and site practices should be adopted to minimise the damage to, or contamination of, C&D materials that may reduce their recyclability and suitability for disposal in public fill reception facilities. The inert C&D materials shall be reused in earth filling, reclamation or site formation works. The non-inert C&D materials shall be reused or recycled and, as the last resort, disposed at landfills.
- 5.7.3 Appropriate measures should also be employed to minimise windblown litter and dust during transportation by either covering trucks with tarpaulin or transporting wastes in enclosed containers. Waste should only be disposed at licensed sites. Resident site staff and the Contractor(s) should develop procedures to ensure that illegal disposal of waste does not occur. In addition, waste storage areas within the Project should be well maintained and cleaned regularly to prevent cross-contamination. The disposal of inert C&D materials to public fill reception facilities/sorting facilities respectively through a trip-ticket system, while non-inert C&D materials and general refuse will be disposed at landfill.
- 5.7.4 Chemical and oily wastes generated from the construction activities, vehicle and plant maintenance should be disposed of as chemical waste in strict compliance with the Waste Disposal (Chemical Waste) (General) Regulations.
- 5.7.5 For general refuse, mitigation measures should include provision of a collection area where waste can be sorted, stored and loaded prior to removal from the site.
- 5.7.6 With the implementation of the recommended mitigation measures in the "Recommended Pollution Control Clauses for Construction Contracts" available in EPD website, the potential environmental impacts resulting from the storage, handling and transportation of inert C&D materials, non-inert C&D materials, chemical wastes and general site wastes would be minimal. The recommended mitigation measures which include:
- General requirements

- (i) The Contractor shall observe and comply with the Waste Disposal Ordinance and its subsidiary regulations.
    - Waste Minimisation
      - (i) The Contractor shall submit to the Engineer for approval a waste management plan with appropriate mitigation measures including the allocation of an area for waste segregation and shall ensure that the day-to-day site operations comply with the approved waste management plan.
      - (ii) The Contractor shall minimise the generation of waste from his work. Avoidance and minimisation of waste generation can be achieved through changing or improving design and practices, careful planning and good site management.
      - (iii) The Contractor shall ensure that different types of wastes are segregated on-site and stored in different containers, skips or stockpiles to facilitate reuse/recycling of waste and, as the last resort, disposal at different outlets as appropriate.
      - (iv) The reuse and recycling of waste shall be practised as far as possible. The recycled materials shall include paper/cardboard, timber and metal etc.
      - (v) The Contractor shall ensure that Construction and Demolition (C&D) materials are sorted into public fill (inert portion) and C&D waste (non-inert portion). The public fill which comprises soil, rock, concrete, brick, cement plaster/mortar, inert building debris, aggregates and asphalt shall be reused in earth filling, reclamation or site formation works. General refuse and C&D waste which comprises metal, timber, paper, glass, junk and general garbage shall be reused or recycled and, as the last resort, disposed of at landfills.
      - (vi) The Contractor shall record the amount of wastes generated, recycled and disposed of (including the disposal sites).
      - (vii) The Contractor shall use a trip ticket system for the disposal of C&D materials to any designated public filling facility and/or landfill.
      - (viii) Training shall be provided for workers about the concepts of site cleanliness and appropriate waste management procedure, including waste reduction, reuse and recycling.
    - Chemical Waste Control
      - (i) The Contractor shall observe and comply with the Waste Disposal (Chemical Waste) (General) Regulation.
      - (ii) The Contractor shall apply for registration as chemical waste producer under the Waste Disposal (Chemical Waste) (General) Regulation when chemical waste is produced. All chemical waste shall be properly stored, labelled, packaged and collected in accordance with the Regulation.
- 5.7.7 According to PNAP ADV-19, as a Waste Management Plan (WMP) is useful tool in ensuring that measures are taken during the construction stage to reduce C&D materials, it is recommended that the Project Proponent to require the contractor to submit the WMP for the Project Engineer's approval.
- 5.7.8 With these waste managements in place, waste generated from the construction works of the proposed development is anticipated to be properly controlled and adverse waste disposal impact is not anticipated.

**Appendix 2-4      Recommended Mitigation Measures for Water Quality Impact  
Extracted from EA**

## 6. WATER QUALITY

### 6.1 Introduction

- 6.1.1 This Section presents the potential water quality impacts arising from the proposed development of the Application Site. Silty runoff from construction site would be the major concern during the construction phase. Where necessary, mitigation measures required to protect the Water Sensitive Receivers (WSRs) have been recommended to reduce the impacts to acceptable levels. The WSRs within the 500m assessment area are summarized in **Table 6.1** and their locations are shown in **Figure 6-1**. As the Application Site will be connected with proper drainage and sewerage network, no adverse water quality impact during the operation phase is anticipated.

**Table 6.1 Water Sensitive Receivers**

| WSR                           | Approximate Horizontal Distance to Site Boundary |
|-------------------------------|--------------------------------------------------|
| Ma Shi Po watercourse         | 70m                                              |
| Shek Wu San Tsuen watercourse | 170m                                             |
| Ng Tung River                 | 320m                                             |

### 6.2 Legislation

- 6.2.1 Effluent discharges from construction site is subject to control under the Water Pollution Control Ordinance (WPCO) and the Technical Memorandum Standards for Effluents Discharged in Drainage and Sewerage Systems, Inland and Coastal Water issued by EPD. Information in the ProPECC PN (Professional Persons Environmental Consultative Committee Practice Notes) 1/94 Construction Site Drainage will be referenced to provide some basic environmental guidelines for handling and disposal of construction site discharges.
- 6.2.2 According to WPCO and its subsidiary legislation, the entirety of the Hong Kong waters is divided into ten Water Control Zones (WCZs). The proposed construction works are located within the Deep Bay Water Control Zone. Wastewater Discharge Licences under WPCO shall be obtained by the Contractors for the discharge of wastewater.

### 6.3 Construction Site Wastewater Impacts

- 6.3.1 Construction works would inevitably have the potential to generate wastewater. Works should be carried out in such a manner as to minimise adverse impacts on local water bodies. Activities that are likely to cause water pollution include:
- Construction runoff and drainage;
  - Sewage Effluent from the workforce; and
  - Liquid spillage, e.g. oil, diesel, solvents, etc.
- 6.3.2 Construction runoff contains suspended solids and contaminants. Potential sources of pollution include runoff and erosion from the site surfaces & surface channels, drainage from dust suppression sprays, fuel, oil and lubricants from vehicles and other equipment.
- 6.3.3 The effects on water quality from the construction activities are likely to be minimal if surface channels along the site boundaries are well maintained and good site practice is implemented to ensure that litter and fuels are managed, stored and handled properly. Below are some mitigation measures to avoid adverse water quality impacts.

## 6.4 Mitigation Measures for Wastewater

- 6.4.1 The good practices given in the Practice Notes for ProPECC PN 1/94 in controlling water pollution at construction site shall be implemented during the construction phase of the Project. Soil erosion from the sites can be minimized through good on-site management practices by implementing viable erosion control measures which should be incorporated in contract clauses. The main practices provided in the mentioned document (i.e. ProPECC PN 1/94) are also summarized in the following paragraphs, which should be enforced to prevent unacceptable construction stage impacts and for compliance with the statutory criteria.

### Construction Site Runoff

- Exposed soil surfaces should be protected from rainfall through, for example, by covering temporarily stockpiles with impervious tarpaulin and protect temporary access roads by crushed stone or gravel;
- Exposed soil areas should be minimized to reduce the potential for increased siltation and contamination of runoff;
- Minimize the time that soil surfaces are exposed;
- Slow down water runoff flowing across exposed soil surfaces;
- Channels, earth bunds or sand bag barriers should be provided on-site to properly direct surface runoff through drainage systems. The construction runoff will be controlled in such a way that there will be no spillage of site runoff into adjacent areas or into the nearby bay. Attention should be drawn to provide adequate measures to avoid discharge of wastewater to water body directly;
- Stockpiles should be located away from water body;
- Oil interceptors are also recommended to be provided for storm water drains near plant maintenance/repair areas, where necessary;
- Manholes (including newly constructed ones) should be adequately covered or temporarily sealed to prevent silt, construction materials or debris from getting into the drainage system;
- Construction works should be programmed to minimize soil excavation works where practical during rainy conditions; and
- Drainage facilities must be adequate for the controlled release of storm flows.

### Wastewater from Construction Site

- Sewerage generated from the workforce should be contained by chemical toilets before connection to public foul sewer can be provided. Chemical toilets should be provided at a minimum rate of about 1 per 50 workers. The facility should be serviced and cleaned by a specialist contractor at regular intervals;
- Foul water from canteens on-site, if any, should also be contained by chemical toilets before connection to public foul sewer can be provided;
- Vehicle wheel washing facilities should be provided at every site exit such that mud, debris, etc. deposited onto the vehicle wheels or body can be washed off before leaving the sites; and
- Section of the site road between the wheel washing bay and the public road should be paved with backfill to reduce vehicle tracking of soil and to prevent site runoff from entering public road drains.

#### Oil and Solvents

- Spillage of fuel oils or other polluting fluids should be prevented at source. It is recommended that all stocks should be stored inside proper containers and sited on sealed areas, preferably surrounded by berms; and
- Regular site inspections to ensure the proper implementation of the above measures shall be carried out.

6.4.2 In addition, sufficient silt removal facilities shall be installed to settle out sediment prior to discharge. Such facilities shall be properly designed in accordance with guidelines from the Civil Engineering and Development Department (CEDD) to achieve the desired mitigating effect. Typically, a detention time not less than 5 minutes for maximum design flow of inlet should achieve adequate sediment removal. Channels or earth berm or sand bag barriers should be provided on site to properly direct surface runoff to such silt removal facilities. Sediment traps, channels and manholes should be maintained and the deposited silt and grit should be removed on regular basis.

6.4.3 The "Recommended Pollution Control Clauses for Construction Contracts" is available on EPD website. It contains the recommended appropriate wastewater control measures to be implemented at the construction site by the Contractors.

6.4.4 As mentioned in **Section 6.2.2**, the discharge from the Application Site would ultimately go into Deep Bay Water Control Zone, the quality of the discharge wastewater should meet the standards specified in the Technical Memorandum – Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters. The above proposed mitigated measures and control measures shall be implemented and wastewater discharge monitoring should be carried out according to the requirements stipulated in the Wastewater Discharge Licence under WPCO to ensure the effectiveness of the proposed mitigation measures and subsequently ensure the water quality of the nearby water bodies would not be adversely affected by the construction activities of the Project.

### **6.5 Potential Impacts during Operation Phase**

6.5.1 The potential sources of water quality impacts during the operation phase of the Proposed Development include sewage generated from the Proposed Development & surface run-off.

#### Sewage Discharge

6.5.2 The good practices given in the Practice Notes for ProPECC PN 5/93 "Drainage Plans Subject to Comment by the Environmental Protection Department" all be implemented during the operation phase of the Project. As all sewage will be properly collected and discharged to the public sewer, no adverse water quality impact is expected.

#### Surface Run-off

- Surface run-off to be generated from the Development is known as non-point source pollution. At the planning and design stages, the drainage systems should be properly planned to receive road runoff. Road runoff is expected to carry silt and grit and should be properly handled before discharge. Appropriate facilities, such as gullies and silt traps shall be installed to intercept the suspended solid before discharge into the nearby drainage system. With the implementation of the proposed mitigation measures, no adverse water quality from road runoff would be expected.
- Run-off arisen from the development due to the paved area. The level of contaminants in this runoff is generally limited for new development area and

does not pose a significant threat to the nearby watercourses. For locations that are prone to pollution, e.g. car park, separate drainage system should be considered at these locations and the collected runoff should be treated by gullies, silt traps or oil interceptors as necessary. Moreover, as the paved area will be decreased (because greenery area will be provided) within the Application Site when compared with its existing condition, it is expected that the amount of run-off arisen from the development will be decreased. With the implementation of the proposed mitigation measures, no adverse water quality from surface run-off would be expected.

#### Swimming Pool

- By following the recommendations given in the Practice Notes for ProPECC PN 5/93 "Drainage Plans Subject to Comment by the Environmental Protection Department", the swimming pool main drain, footbath main drain and swimming pool make-up tank drain should be connected to stormwater drains while the filtration plant backwash should be discharged to foul sewers. With the implementation of the recommendations for the swimming pool, no adverse water quality would be expected.

## **6.6 Conclusion**

- 6.6.1 The construction of the Proposed Development could impact the water bodies through silt-laden site runoff, concreting works, runoff from workshops & depot and increased sewage and wastewater resulting from the additional workforce on site. These impacts can be readily mitigated through the construction of a suitable drainage system with silt traps, good site management practices, and proper sewage collection and disposal system.
- 6.6.2 With the provision of proper drainage and sewage system, adverse water quality impact associated with surface runoff and sewage discharge during operation phase is not expected.
- 6.6.3 With the implementation of the recommended mitigation measures, no residual water quality impact would be anticipated during construction phase and operation phase of the Proposed Development.