

# **Attachment 1**

## **Extract of Revised Environmental Assessment**

**Table 4-2 HKPSG's Recommended Minimum Buffer Distance from Roads**

| Type of Road                                              | Buffer Distance | Permitted Uses                       |
|-----------------------------------------------------------|-----------------|--------------------------------------|
| Trunk Road (including expressway) and Primary Distributor | > 20 m          | Active and passive recreation uses   |
|                                                           | 3 – 20 m        | Passive recreational uses            |
|                                                           | < 3 m           | Amenity areas                        |
| District Distributor                                      | > 10 m          | Active and passive recreational uses |
|                                                           | < 10 m          | Passive recreational uses            |
| Local Distributor                                         | > 5 m           | Active and passive recreational uses |
|                                                           | < 5 m           | Passive recreational uses            |
| Under Flyovers                                            | -               | Passive recreational uses            |

**Table 4-3 HKPSG's Recommended Minimum Buffer Distance from Industrial Chimneys**

| Difference in Height between Industrial Chimney Exit and the Site | Buffer Distance | Permitted Uses                       |
|-------------------------------------------------------------------|-----------------|--------------------------------------|
| < 20 m                                                            | > 200 m         | Active and passive recreation uses   |
|                                                                   | 5 – 200 m       | Passive recreational uses            |
| 20 m – 30 m                                                       | > 100 m         | Active and passive recreational uses |
|                                                                   | 5 – 100 m       | Passive recreational uses            |
| 30 m – 40 m                                                       | > 50 m          | Active and passive recreational uses |
|                                                                   | 5 – 50 m        | Passive recreational uses            |
| > 40 m                                                            | > 10 m          | Active & Passive recreational uses   |

Existing Air Quality

- 4.2.6 The nearest general air quality monitoring station (AQMS) to the Application Site is the Central/Western AQMS. The five most recent years of air quality monitoring data, 2021 to 2025, from this station are summarized in **Table 4-4**. According to the AQMS monitoring data presented in **Table 4-4**, exceedance in annual average of FSP concentration are recorded in 2021, while exceedances in 8-hour average O<sub>3</sub> concentration recorded in 2022 and peak season average O<sub>3</sub> concentrations in 2022 and 2024.
- 4.2.7 The future background air quality data was extracted from the Pollutants in the Atmosphere and their Transport over Hong Kong model version 3.0 (PATH v3.0) released by EPD in January 2024.
- 4.2.8 As the tentative year of completion of the Proposed Development is 2030, the year of 2030 at Level 1 hourly background concentrations of NO<sub>2</sub>, RSP and FSP in Grids (40,29), (41,29) (40,28) and (41,28) have been adopted for the purpose of this assessment and summarized in **Table 4-4**.

**Table 4-4 EPD Air Quality Monitoring Data in Central/Western AQMS and Latest Version of PATH v3.0 (Grid 41,29) (Year 2030) (Level: L1)**

| Pollutant                | Averaging time | Parameter                | AQO <sup>[1]</sup> ( $\mu\text{g}/\text{m}^3$ ) | Concentration <sup>[2]</sup> ( $\mu\text{g}/\text{m}^3$ ) |      |      |      |      |                                    |                                    |                                    |                                    |
|--------------------------|----------------|--------------------------|-------------------------------------------------|-----------------------------------------------------------|------|------|------|------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
|                          |                |                          |                                                 | 2021                                                      | 2022 | 2023 | 2024 | 2025 | PATH v3.0 in Year 2030 (40,29, L1) | PATH v3.0 in Year 2030 (41,29, L1) | PATH v3.0 in Year 2030 (40,28, L1) | PATH v3.0 in Year 2030 (41,28, L1) |
| RSP (PM <sub>10</sub> )  | 24-hour        | 10 <sup>th</sup> highest | 75                                              | 65                                                        | 52   | 53   | 62   | 60   | 53                                 | 53                                 | 52                                 | 51                                 |
|                          | Annual         | Maximum                  | 30                                              | 26                                                        | 22   | 22   | 24   | 24   | 21                                 | 20                                 | 20                                 | 19                                 |
| FSP (PM <sub>2.5</sub> ) | 24-hour        | 19 <sup>h</sup> highest  | 37.5                                            | 34                                                        | 33   | 29   | 35   | 30   | 31                                 | 31                                 | 31                                 | 30                                 |
|                          | Annual         | Maximum                  | 15                                              | 16                                                        | 14   | 14   | 14   | 13   | 13                                 | 13                                 | 12                                 | 12                                 |
| NO <sub>2</sub>          | 1-hour         | 19 <sup>th</sup> highest | 200                                             | 149                                                       | 142  | 142  | 130  | 150  | 86                                 | 85                                 | 69                                 | 69                                 |
|                          | 24-hour        | 10 <sup>th</sup> highest | 120                                             | 75                                                        | 62   | 62   | 63   | 73   | 36                                 | 35                                 | 28                                 | 28                                 |
|                          | Annual         | Maximum                  | 40                                              | 33                                                        | 30   | 32   | 32   | 31   | 19                                 | 17                                 | 14                                 | 13                                 |
| SO <sub>2</sub>          | 10-minute      | 4 <sup>th</sup> highest  | 500                                             | 51                                                        | 62   | 36   | 22   | 64   | 19                                 | 22                                 | 21                                 | 22                                 |
|                          | 24-hour        | 4 <sup>th</sup> highest  | 40                                              | 10                                                        | 7    | 7    | 7    | 9    | 6                                  | 7                                  | 7                                  | 7                                  |
| O <sub>3</sub>           | 8-hour         | 10 <sup>th</sup> highest | 160                                             | 155                                                       | 197  | 153  | 157  | 153  | 169                                | 170                                | 168                                | 171                                |
|                          | Peak Season    | Maximum                  | 100                                             | 92                                                        | 101  | 90   | 100  | 95   | 116                                | 116                                | 116                                | 118                                |
| CO                       | 1-hour         | Maximum                  | 30,000                                          | -                                                         | -    | -    | -    | -    | 572                                | 582                                | 546                                | 547                                |
|                          | 8-hour         | Maximum                  | 10,000                                          | -                                                         | -    | -    | -    | -    | 520                                | 512                                | 504                                | 500                                |
|                          | 24-hour        | Maximum                  | 4000                                            | -                                                         | -    | -    | -    | -    | 497                                | 492                                | 486                                | 483                                |

Note:

[1] Air Quality Objectives enacted on 11 April 2025.

[2] Bolded and underlined values exceed the relevant AQO.

[3] CO concentration from 2020-2024 is not available at Central/ Western AQMS.

### 4.3 Construction Phase Air Quality Impact Assessment

#### Identification of Potential Construction Air Quality Impacts

- 4.3.1 The major air quality impact of concern during the construction phase will be the potential fugitive dust and gaseous emission. The Project is at the early planning stage, the construction works of the proposed development will be commenced in Year 2027. The major air quality impacts during the construction phase of the Proposed Development are expected to arise from construction activities such as foundation works and superstructure construction.
- 4.3.2 There will be also potential impacts from the criteria pollutants (e.g. nitrogen oxides (NO<sub>x</sub>), sulphur dioxide (SO<sub>2</sub>), and carbon monoxide (CO)) during construction phase. Emission from diesel trucks for the haulage of materials and construction plants will contain high percentage of smoke particulate and unburned hydrocarbons in comparison with petrol driven vehicles. The Application Site is of ~0.028 ha and currently vacant so that development scale is very low and no demolition of existing structures is required. There is no basement proposed so that deep excavation is not necessary. Therefore, it is estimated that a maximum number of 1 dump truck per hour will be required due to limited generation of C&D materials. The Development Site is located at urban area. It is not practical to plan a travelling route which will be away from ASRs. However, due to limited number of dump trucks, the air quality impact arisen from the gaseous emissions of dump trucks to nearby ASRs would not be considered as significant. The anticipated number of construction plants that result from the construction works will not be excessive due to the site constraint of the site area. Therefore, significant impact on the existing air quality is not envisaged. Under

Air Pollution Control (Non-road Mobile Machinery) Emission Regulation and Air Pollution Control (Fuel Restriction) Regulations, there is also adequate control for emission from on-site machinery and non-road vehicles. It is expected that approximately 4-5 on-site diesel/petroleum fuelled machineries will be used for construction works. In addition, availability of electricity supply during construction of the project will be explored and such requirement will be specified in future contract. If available, contractor should maximise use of electricity and with least reliance of diesel fuelled equipment (e.g. for electricity powered stationary equipment such as pump instead of using generator). In all circumstances, the contractor will be required to observe all relevant regulations and maintain all equipment in good condition to avoid any excessive emission.

#### Representative Air Sensitive Receivers

- 4.3.3 There are ASRs located within 500m from the Proposed Development and considered as Air Sensitive Receivers (ASRs). **Figure 4.2** shows the separation distance between the Application Site and the nearby ASRs which are expected to be worst affected and also listed in **Table 4-5**.

**Table 4-5 Representative Air Sensitive Receivers for Construction Phase**

| ASR ID | ASR                    | Land Uses   | Height (mPD) | Shortest Distance to Application Site |
|--------|------------------------|-------------|--------------|---------------------------------------|
| ASR1   | Honest Building        | Commercial  | 83           | 2m                                    |
| ASR2   | Yee Hing Building      | Residential | 46.7         | 4m                                    |
| ASR3   | Vulcan House           | Commercial  | 77.2         | 14m                                   |
| ASR4   | Zing!                  | Commercial  | 118.3        | 0m                                    |
| ASR5   | Nam Hing Fong          | Commercial  | 91           | 10m                                   |
| ASR6   | 37 Yiu Wa Street       | Residential | 24.7         | 11m                                   |
| ASR7   | 25A-24 Canal Road West | Residential | 27.1         | 46m                                   |

#### Potential Concurrent Projects

- 4.3.4 According to the desktop research, it is expected that the construction works of the nearby construction sites (such as District Court Building at Caroline Hill Road<sup>1</sup> (435m apart) and Lee Garden Eight<sup>2</sup> (400m apart), as well as the construction sites of Woodis<sup>3</sup> (350m apart) and Composite Development at 22-24 Leighton Road<sup>4</sup> (130m apart) will be completed/ almost completed within 1 to 2 years. Therefore, it is anticipated that the construction works of these construction sites will be completed before the commencement of the construction works of the Proposed Development, and hence no cumulative air quality impact would be expected. In addition, A 12-classroom Special School at Oi Kwan Road<sup>5</sup> (160m apart) is identified which may be considered as concurrent projects. It is anticipated that the construction work will be carried out concurrently with the construction works of the Proposed Development. However, it is

<sup>1</sup> Legislative Council, *Background brief on the implementation of the Judiciary's information technology infrastructure and technology related initiatives in the District Court Building at Caroline Hill Road* (Feb 2024), <https://www.legco.gov.hk/yr2024/english/panels/ajls/papers/ajls20240226cb4-214-4-e.pdf>

<sup>2</sup> Hysan, *Lee Garden Eight Tops Out: Expanding the Lee Gardens Leasable Portfolio by 30%* (Nov 2025), <https://www.hysan.com.hk/app/uploads/2025/11/For-Immediate-Release-Lee-Garden-Eight-Tops-Out-Expanding-the-Lee-Gardens-Leasable-Portfolio-by-30.pdf>

<sup>3</sup> Herderson Land Group, *Information on the Development, Woodis* (Sept 2025), [https://salesfile.hld.com/SalesBrochure/www.woodis.com.hk/woodis\\_20250929\\_01\\_00.pdf](https://salesfile.hld.com/SalesBrochure/www.woodis.com.hk/woodis_20250929_01_00.pdf)

<sup>4</sup> Sing Tao Daily, 九倉山頂項目建分層及洋房 (Feb 2022), <https://www.stheadline.com/daily-property/3038344/>

<sup>5</sup> Architectural Services Department, *A 12-classroom special school at Oi Kwan Road, Wan Chai* (May 2026), <https://www.archsd.gov.hk/en/projects/capital-projects-under-detail/115ET.html>

**Table 4-11 Predicted Cumulative Concentrations of Pollutants at Representative Air Sensitive Receivers during Operational Phase**

| ASR | Predicted Cumulative Concentration ( $\mu\text{g}/\text{m}^3$ ) |                                                 |                   |                                                 |                   |                                                 |                   |
|-----|-----------------------------------------------------------------|-------------------------------------------------|-------------------|-------------------------------------------------|-------------------|-------------------------------------------------|-------------------|
|     | NO <sub>2</sub>                                                 |                                                 |                   | RSP                                             |                   | FSP                                             |                   |
|     | 19 <sup>th</sup><br>Highest<br>Hourly<br>Average                | 10 <sup>th</sup><br>Highest<br>24-hr<br>Average | Annual<br>Average | 10 <sup>th</sup><br>Highest<br>24-hr<br>Average | Annual<br>Average | 19 <sup>th</sup><br>Highest<br>24-hr<br>Average | Annual<br>Average |
|     | AQO =<br>200                                                    | AQO =<br>120                                    | AQO = 40          | AQO = 75                                        | AQO = 30          | AQO =<br>37.5                                   | AQO = 15          |
| A01 | 85-130                                                          | 36-69                                           | 18-33             | 53                                              | 20-21             | 31-32                                           | 13                |
| A02 | 85-130                                                          | 36-69                                           | 18-33             | 53                                              | 20-21             | 31-32                                           | 13                |
| A03 | 85-130                                                          | 36-70                                           | 18-34             | 53                                              | 20-21             | 31-32                                           | 13                |
| A04 | 85-118                                                          | 36-60                                           | 18-29             | 53                                              | 20-21             | 31-32                                           | 13                |
| A05 | 85-116                                                          | 36-57                                           | 18-28             | 53                                              | 20-21             | 31-32                                           | 13                |
| A06 | 85-113                                                          | 36-56                                           | 18-28             | 53                                              | 20-21             | 31-32                                           | 13                |
| A07 | 85-118                                                          | 36-59                                           | 18-29             | 53                                              | 20-21             | 31-32                                           | 13                |

#### NO<sub>2</sub>

- 4.4.65 The predicted results of the 19<sup>th</sup> highest 1-hour average, 10<sup>th</sup> highest 24-hour average and annual average NO<sub>2</sub> concentration at all identified ASR at selected levels are summarized in **Appendix 4-6**. The results indicate that 19<sup>th</sup> highest 1-hour average, 10<sup>th</sup> highest 24-hour average and annual average NO<sub>2</sub> concentration at all locations of the Proposed Development would comply with the relevant Hong Kong's AQOs.

#### RSP

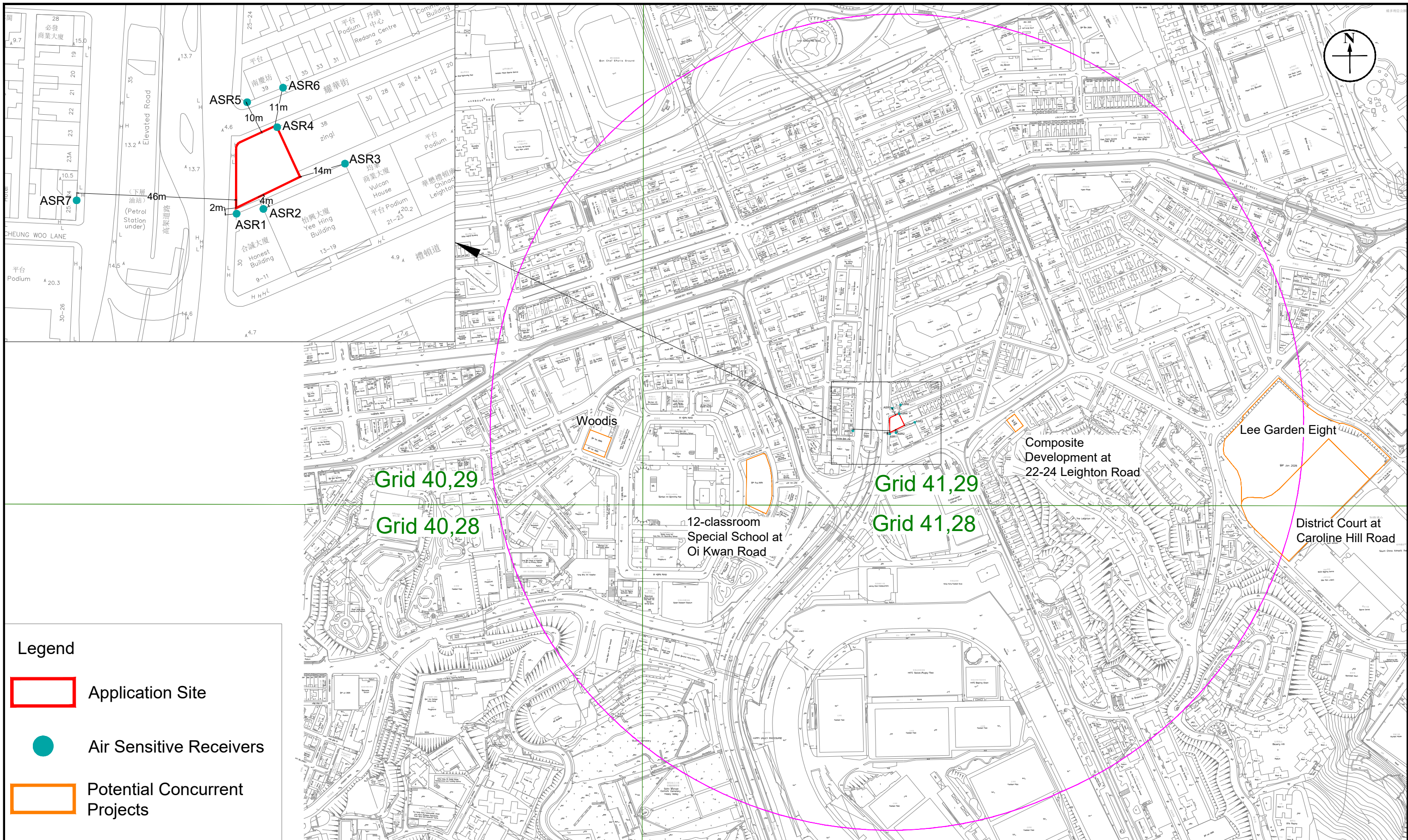
- 4.4.66 The predicted results of the 10<sup>th</sup> highest 24-hour average and annual average RSP concentrations for all identified ASRs at selected levels are summarized in **Appendix 4-6**. The results indicate that RSP concentrations at all locations of the Proposed Development would comply with the relevant Hong Kong's AQOs.

#### FSP

- 4.4.67 The predicted results of the 19<sup>th</sup> highest 24-hour average and annual average FSP concentrations for all identified ASRs at selected levels are summarized in **Appendix 4-6**. The results indicate that FSP concentrations at all locations of the Proposed Development would comply with the relevant Hong Kong's AQOs.

## Figures







**Appendix 3-3      Catalogue of the Fixed Noise Sources of the Surrounding  
Development**



Derived SWL =  $65 + 20 \cdot \log(1.13 \cdot \sqrt{1.65 \cdot 3.65}) + 8 = 81.9$



Derived SWL =  $68 + 20 \cdot \log(1.13 \cdot \sqrt{4.6 \cdot 4.3}) + 8 = 90.0$

Derived SWL =  $69 + 20 \cdot \log(1.13 \cdot \sqrt{5.2 \cdot 4.4}) + 8 = 91.7$

(1) y  
ut c

FC-600: TS-6 to TS-8, TS-14, TS-15, TS-20 to TS-24, LT-3, JCH-3 to JCH-8

$$\text{Derived SWL} = 70 + 20 \cdot \log(1.13 \cdot \sqrt{6.9 \cdot 4.3}) + 8 = 93.8$$

All components are guaranteed against defective material for a period of one (1) year. When return to RYOWO with transportation prepared, all parts found by factory inspection to be defective will be repaired or replaced without charge, FOB Hong Kong or FOB ShenZhen, PRC. No liability will be assumed for loss or damage resulting from misuse of our products.

$$\text{Derived SWL} = 66 + 20 \cdot \log(1.13 \cdot \sqrt{2 \cdot 4}) + 8 = 84.1$$

#### **Appendix 3-4     Input of the Fixed Noise Sources in CadnaA**

| Noise Source ID | Building Name                      | X        | Y        | Z     | Type          | Night | Reference Catalogue                   | SPL | Measurement Distance (m) | Distance Correction | SWL  | Tonal | CadnaA input (Day&Evening), dB(A) | CadnaA input (Night), dB(A) |
|-----------------|------------------------------------|----------|----------|-------|---------------|-------|---------------------------------------|-----|--------------------------|---------------------|------|-------|-----------------------------------|-----------------------------|
| HI-1            | Holiday Inn                        | 836764.4 | 815418.8 | 111.8 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-C-PR 960) | N/A | N/A                      | N/A                 | 93.0 | 3     | 96.0                              | 96.0                        |
| HI-2            | Holiday Inn                        | 836774.5 | 815422.8 | 111.8 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-C-PR 960) | N/A | N/A                      | N/A                 | 93.0 | 3     | 96.0                              | 96.0                        |
| HI-3            | Holiday Inn                        | 836783.9 | 815426.7 | 111.8 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-C-PR 960) | N/A | N/A                      | N/A                 | 93.0 | 3     | 96.0                              | 96.0                        |
| HI-4            | Holiday Inn                        | 836794.1 | 815430.8 | 111.8 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-C-PR 960) | N/A | N/A                      | N/A                 | 93.0 | 3     | 96.0                              | 96.0                        |
| BW-1            | Best Western Hotel                 | 836664.9 | 815361.7 | 141.9 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| PH-1            | South Pacific Hotel                | 836617.6 | 815386.8 | 107.2 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| PH-2            | South Pacific Hotel                | 836613.3 | 815393.3 | 107.2 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| PH-3            | South Pacific Hotel                | 836618.9 | 815401.2 | 107.2 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| PH-4            | South Pacific Hotel                | 836627.1 | 815399.6 | 107.2 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| PH-5            | South Pacific Hotel                | 836630.5 | 815392.2 | 107.2 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| JL-1            | J Link Hotel                       | 836599.1 | 815432.5 | 85.5  | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 87.1                        |
| JL-2            | J Link Hotel                       | 836597.6 | 815435.6 | 85.5  | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 87.1                        |
| TC-1            | The Charterhouse                   | 836499.4 | 815425.6 | 87.4  | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-C-PR 960) | N/A | N/A                      | N/A                 | 93.0 | 3     | 96.0                              | 96.0                        |
| TC-2            | The Charterhouse                   | 836495.2 | 815431.5 | 87.4  | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-C-PR C13) | N/A | N/A                      | N/A                 | 94.0 | 3     | 97.0                              | 97.0                        |
| EM-1            | Emperor Watch and Jewellery Centre | 836772.6 | 815543.6 | 111.1 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| EM-2            | Emperor Watch and Jewellery Centre | 836776.5 | 815545.2 | 111.1 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| EM-3            | Emperor Watch and Jewellery Centre | 836780.0 | 815546.6 | 111.1 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| HB-1            | Honest Building                    | 836743.6 | 815342.0 | 87.5  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| HB-2            | Honest Building                    | 836739.9 | 815339.7 | 87.5  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| HB-3            | Honest Building                    | 836735.3 | 815349.2 | 92.7  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| VH-1            | Vulcan House                       | 836770.5 | 815361.5 | 78.5  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| VH-2            | Vulcan House                       | 836779.6 | 815365.1 | 78.5  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| WB-1            | Wifi Boutique Hotel                | 836517.6 | 815573.1 | 94.8  | Chiller       | Y     | Chiller (Ref - Daikin: EWAQ-F-XR 310) | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 90.0                        |
| WB-2            | Wifi Boutique Hotel                | 836520.2 | 815573.9 | 94.8  | Chiller       | Y     | Chiller (Ref - Daikin: EWAQ-F-XR 310) | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 90.0                        |
| LW-1            | Lee West Commercial Building       | 836578.8 | 815584.7 | 75.6  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FT-250)   | 63  | 16.0                     | 32.1                | 95.1 | 3     | 98.1                              | 0.0                         |
| LW-2            | Lee West Commercial Building       | 836580.9 | 815580.3 | 75.6  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FT-250)   | 63  | 16.0                     | 32.1                | 95.1 | 3     | 98.1                              | 0.0                         |
| BO-1            | BOC Wan Chai Commercial Centre     | 836647.8 | 815606.9 | 83.6  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| BO-2            | BOC Wan Chai Commercial Centre     | 836650.9 | 815608.5 | 83.6  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| BO-3            | BOC Wan Chai Commercial Centre     | 836654.0 | 815609.9 | 83.6  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| BO-4            | BOC Wan Chai Commercial Centre     | 836661.2 | 815612.4 | 83.6  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| LO-1            | Loplus@Hennessy                    | 836565.4 | 815524.9 | 64.5  | Chiller       | Y     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 93.0                        |
| LO-2            | Loplus@Hennessy                    | 836566.4 | 815532.0 | 64.5  | Chiller       | Y     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 93.0                        |
| OP-1            | Opulent Building                   | 836608.7 | 815543.7 | 18.1  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FT-300)   | 64  | 16.0                     | 32.1                | 96.1 | 3     | 99.1                              | 0.0                         |
| OP-2            | Opulent Building                   | 836612.0 | 815545.1 | 18.1  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FT-300)   | 64  | 16.0                     | 32.1                | 96.1 | 3     | 99.1                              | 0.0                         |
| OP-3            | Opulent Building                   | 836608.7 | 815540.4 | 18.1  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FT-250)   | 63  | 16.0                     | 32.1                | 95.1 | 3     | 98.1                              | 0.0                         |
| OP-4            | Opulent Building                   | 836611.8 | 815541.5 | 18.1  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FT-300)   | 64  | 16.0                     | 32.1                | 96.1 | 3     | 99.1                              | 0.0                         |
| CC-1            | Cameron Commercial Building        | 836802.4 | 815624.6 | 77.8  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| CC-2            | Cameron Commercial Building        | 836804.5 | 815620.2 | 77.8  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| CC-3            | Cameron Commercial Building        | 836812.7 | 815627.9 | 81.0  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SP-1            | Soundwill Plaza II - Midtown       | 836764.6 | 815554.6 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-2            | Soundwill Plaza II - Midtown       | 836765.9 | 815555.1 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| SP-3            | Soundwill Plaza II - Midtown       | 836767.4 | 815555.7 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-4            | Soundwill Plaza II - Midtown       | 836768.9 | 815556.4 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-5            | Soundwill Plaza II - Midtown       | 836765.2 | 815553.0 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-6            | Soundwill Plaza II - Midtown       | 836766.6 | 815553.7 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| SP-7            | Soundwill Plaza II - Midtown       | 836768.0 | 815554.2 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-8            | Soundwill Plaza II - Midtown       | 836769.5 | 815554.8 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-9            | Soundwill Plaza II - Midtown       | 836765.8 | 815551.4 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-10           | Soundwill Plaza II - Midtown       | 836768.6 | 815552.6 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-11           | Soundwill Plaza II - Midtown       | 836770.2 | 815553.4 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-12           | Soundwill Plaza II - Midtown       | 836772.9 | 815554.7 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-13           | Soundwill Plaza II - Midtown       | 836774.4 | 815555.3 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-14           | Soundwill Plaza II - Midtown       | 836775.9 | 815555.9 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-15           | Soundwill Plaza II - Midtown       | 836777.3 | 815556.4 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-16           | Soundwill Plaza II - Midtown       | 836778.8 | 815557.0 | 142.5 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |

| Noise Source ID | Building Name                                      | X        | Y        | Z     | Type    | Night | Reference Catalogue                    | SPL | Measurement Distance (m) | Distance Correction | SWL  | Tonal | CadnaA input (Day&Evening), dB(A) | CadnaA input (Night), dB(A) |
|-----------------|----------------------------------------------------|----------|----------|-------|---------|-------|----------------------------------------|-----|--------------------------|---------------------|------|-------|-----------------------------------|-----------------------------|
| SP-17           | Soundwill Plaza II - Midtown                       | 836780.3 | 815557.6 | 142.5 | VRV     | Y     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-18           | Soundwill Plaza II - Midtown                       | 836781.7 | 815558.1 | 142.5 | VRV     | Y     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-19           | Soundwill Plaza II - Midtown                       | 836783.6 | 815558.9 | 142.5 | VRV     | Y     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-20           | Soundwill Plaza II - Midtown (Podium)              | 836796.3 | 815565.2 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-21           | Soundwill Plaza II - Midtown (Podium)              | 836797.7 | 815565.8 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-22           | Soundwill Plaza II - Midtown (Podium)              | 836798.9 | 815566.3 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-23           | Soundwill Plaza II - Midtown (Podium)              | 836800.3 | 815566.9 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-24           | Soundwill Plaza II - Midtown (Podium)              | 836801.5 | 815567.4 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-25           | Soundwill Plaza II - Midtown (Podium)              | 836802.8 | 815568.0 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-26           | Soundwill Plaza II - Midtown (Podium)              | 836804.4 | 815568.9 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-27           | Soundwill Plaza II - Midtown (Podium)              | 836805.7 | 815569.4 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-28           | Soundwill Plaza II - Midtown (Podium)              | 836807.2 | 815569.9 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 77.0                        |
| SP-29           | Soundwill Plaza II - Midtown (Podium)              | 836808.4 | 815570.5 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-30           | Soundwill Plaza II - Midtown (Podium)              | 836809.7 | 815571.0 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-31           | Soundwill Plaza II - Midtown (Podium)              | 836808.2 | 815574.0 | 21.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 80.0                        |
| SP-32           | Soundwill Plaza II - Midtown (Roof of Ramen)       | 836813.8 | 815575.9 | 16.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| SP-33           | Soundwill Plaza II - Midtown (Roof of Ramen)       | 836814.8 | 815572.5 | 16.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| SP-34           | Soundwill Plaza II - Midtown (Roof of Ramen)       | 836816.3 | 815573.1 | 16.0  | VRV     | Y     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| SP-35           | Soundwill Plaza II - Midtown (Roof of Ramen)       | 836817.9 | 815573.7 | 16.0  | Chiller | Y     | Chiller (Ref - Daikin: EWAD-CF XR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 95.0                        |
| PL-1            | Plaza 2000                                         | 836744.7 | 815523.8 | 84.8  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650)  | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| PL-2            | Plaza 2000                                         | 836754.7 | 815527.1 | 64.4  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650)  | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| PL-3            | Plaza 2000                                         | 836761.2 | 815538.2 | 21.9  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| PL-4            | Plaza 2000                                         | 836765.3 | 815526.0 | 21.9  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| RU-1            | Russell Street 22                                  | 836802.4 | 815552.6 | 21.9  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| RU-2            | Russell Street 22                                  | 836804.0 | 815553.2 | 21.9  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| RU-3            | Russell Street 22                                  | 836805.5 | 815553.7 | 21.9  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| RU-4            | Russell Street 22                                  | 836803.5 | 815550.4 | 21.9  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SW-1            | Soundwill Plaza                                    | 836828.2 | 815568.1 | 155.0 | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SW-2            | Soundwill Plaza                                    | 836829.7 | 815564.5 | 155.0 | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SW-3            | Soundwill Plaza                                    | 836831.2 | 815560.8 | 155.0 | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SW-4            | Soundwill Plaza                                    | 836840.6 | 815573.2 | 155.0 | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SW-5            | Soundwill Plaza                                    | 836842.2 | 815569.6 | 155.0 | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SW-6            | Soundwill Plaza                                    | 836843.7 | 815565.9 | 155.0 | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430)  | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| IC-1            | Masjid Ammar and Osman Ramju Sadick Islamic Centre | 836474.7 | 815403.1 | 40.0  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 310)  | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 0.0                         |
| IC-2            | Masjid Ammar and Osman Ramju Sadick Islamic Centre | 836477.9 | 815403.9 | 40.0  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 310)  | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 0.0                         |
| BC-1            | Oi Kwan Road Baptist Church                        | 836503.6 | 815393.1 | 24.9  | Chiller | N     | Chiller (Ref - Daikin: EWAQ-F-XR 310)  | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 0.0                         |
| SC-1            | Hong Kong Scout Cetennnial Building                | 836540.3 | 815401.5 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-2            | Hong Kong Scout Cetennnial Building                | 836543.2 | 815400.3 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-3            | Hong Kong Scout Cetennnial Building                | 836539.3 | 815400.6 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-4            | Hong Kong Scout Cetennnial Building                | 836542.3 | 815399.3 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-5            | Hong Kong Scout Cetennnial Building                | 836538.3 | 815399.3 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-6            | Hong Kong Scout Cetennnial Building                | 836540.0 | 815398.5 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-7            | Hong Kong Scout Cetennnial Building                | 836541.8 | 815397.8 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-8            | Hong Kong Scout Cetennnial Building                | 836537.9 | 815397.5 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-9            | Hong Kong Scout Cetennnial Building                | 836540.5 | 815396.5 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-10           | Hong Kong Scout Cetennnial Building                | 836537.3 | 815395.9 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ66BB)          | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-11           | Hong Kong Scout Cetennnial Building                | 836535.9 | 815394.7 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-12           | Hong Kong Scout Cetennnial Building                | 836534.9 | 815392.7 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-13           | Hong Kong Scout Cetennnial Building                | 836534.1 | 815390.5 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-14           | Hong Kong Scout Cetennnial Building                | 836536.8 | 815391.4 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-15           | Hong Kong Scout Cetennnial Building                | 836536.9 | 815389.6 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-16           | Hong Kong Scout Cetennnial Building                | 836545.3 | 815397.4 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ22BB)          | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-17           | Hong Kong Scout Cetennnial Building                | 836546.0 | 815395.6 | 96.1  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-18           | Hong Kong Scout Cetennnial Building                | 836544.0 | 815396.1 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-19           | Hong Kong Scout Cetennnial Building                | 836545.0 | 815393.9 | 99.6  | VRV     | N     | VRV (Ref - Daikin: RUXYQ44BB)          | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |



| Noise Source ID | Building Name                                      | X        | Y        | Z     | Type          | Night | Reference Catalogue                   | SPL | Measurement Distance (m) | Distance Correction | SWL  | Tonal | CadnaA input (Day&Evening), dB(A) | CadnaA input (Night), dB(A) |
|-----------------|----------------------------------------------------|----------|----------|-------|---------------|-------|---------------------------------------|-----|--------------------------|---------------------|------|-------|-----------------------------------|-----------------------------|
| SC-20           | Hong Kong Scout Cetennnial Building                | 836543.0 | 815395.4 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-21           | Hong Kong Scout Cetennnial Building                | 836537.9 | 815387.7 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ88BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-22           | Hong Kong Scout Cetennnial Building                | 836542.2 | 815389.3 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-23           | Hong Kong Scout Cetennnial Building                | 836544.4 | 815390.3 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-24           | Hong Kong Scout Cetennnial Building                | 836539.0 | 815386.3 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ66BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-25           | Hong Kong Scout Cetennnial Building                | 836542.1 | 815387.7 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-26           | Hong Kong Scout Cetennnial Building                | 836545.1 | 815388.8 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ88BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-27           | Hong Kong Scout Cetennnial Building                | 836548.3 | 815390.1 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-28           | Hong Kong Scout Cetennnial Building                | 836539.4 | 815384.9 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ66BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-29           | Hong Kong Scout Cetennnial Building                | 836542.5 | 815386.0 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-30           | Hong Kong Scout Cetennnial Building                | 836543.9 | 815386.7 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-31           | Hong Kong Scout Cetennnial Building                | 836545.5 | 815387.3 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| SC-32           | Hong Kong Scout Cetennnial Building                | 836548.3 | 815388.4 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ66BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-33           | Hong Kong Scout Cetennnial Building                | 836536.8 | 815382.8 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ88BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-34           | Hong Kong Scout Cetennnial Building                | 836539.8 | 815383.4 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SC-35           | Hong Kong Scout Cetennnial Building                | 836544.0 | 815385.1 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ88BB)         | 69  | 1.0                      | 8.0                 | 77.0 | 3     | 80.0                              | 0.0                         |
| SC-36           | Hong Kong Scout Cetennnial Building                | 836548.5 | 815386.8 | 99.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| GH-1            | Guardian House                                     | 836536.5 | 815373.0 | 71.8  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| GH-2            | Guardian House                                     | 836546.0 | 815347.3 | 71.8  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 0.0                         |
| GH-3            | Guardian House                                     | 836553.8 | 815350.2 | 71.8  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 0.0                         |
| TSK-1           | Tang Shiu Kin Victoria Government Secondary School | 836444.8 | 815352.2 | 33.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| TSK-2           | Tang Shiu Kin Victoria Government Secondary School | 836511.2 | 815350.4 | 26.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| TSK-3           | Tang Shiu Kin Victoria Government Secondary School | 836511.0 | 815346.8 | 26.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| TSK-4           | Tang Shiu Kin Victoria Government Secondary School | 836511.1 | 815340.4 | 26.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| TSK-5           | Tang Shiu Kin Victoria Government Secondary School | 836510.9 | 815336.5 | 26.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| TSK-6           | Tang Shiu Kin Victoria Government Secondary School | 836510.9 | 815332.4 | 26.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| TSK-7           | Tang Shiu Kin Victoria Government Secondary School | 836510.9 | 815329.2 | 26.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| VC-1            | Valley Centre                                      | 836585.0 | 815240.3 | 22.0  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| VC-2            | Valley Centre                                      | 836581.9 | 815233.7 | 22.0  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| VC-3            | Valley Centre                                      | 836596.4 | 815237.4 | 71.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| VC-4            | Valley Centre                                      | 836598.3 | 815236.6 | 71.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| VC-5            | Valley Centre                                      | 836591.3 | 815227.5 | 71.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| VC-6            | Valley Centre                                      | 836593.1 | 815226.6 | 71.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| BR-1            | Bowrington Road Market                             | 836629.3 | 815477.3 | 23.7  | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 84.9                        |
| BR-2            | Bowrington Road Market                             | 836633.5 | 815478.6 | 23.7  | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 84.9                        |
| BR-3            | Bowrington Road Market                             | 836635.4 | 815479.2 | 23.7  | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 84.9                        |
| XH-1            | Xinhua Tower                                       | 836625.2 | 815440.8 | 21.0  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| XH-2            | Xinhua Tower                                       | 836628.3 | 815438.6 | 21.0  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| XH-3            | Xinhua Tower                                       | 836628.9 | 815436.4 | 21.0  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YH-1            | BeLiving Youth Hub                                 | 836634.4 | 815334.8 | 17.1  | Chiller       | Y     | Chiller (Ref - Daikin: EWAQ-F-XR 310) | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 90.0                        |
| YH-2            | BeLiving Youth Hub                                 | 836635.9 | 815331.6 | 17.1  | Chiller       | Y     | Chiller (Ref - Daikin: EWAQ-F-XR 310) | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 90.0                        |
| YK-1            | Yue King Building                                  | 836657.0 | 815342.4 | 24.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| YK-2            | Yue King Building                                  | 836661.5 | 815345.5 | 22.4  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-3            | Yue King Building                                  | 836674.6 | 815335.0 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-4            | Yue King Building                                  | 836674.4 | 815333.6 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-5            | Yue King Building                                  | 836674.4 | 815332.4 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-6            | Yue King Building                                  | 836671.1 | 815330.2 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-7            | Yue King Building                                  | 836672.2 | 815330.1 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-8            | Yue King Building                                  | 836673.8 | 815330.2 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-9            | Yue King Building                                  | 836679.0 | 815334.2 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-10           | Yue King Building                                  | 836679.0 | 815332.7 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-11           | Yue King Building                                  | 836677.7 | 815329.8 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-12           | Yue King Building                                  | 836678.8 | 815329.6 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| YK-13           | Yue King Building                                  | 836680.5 | 815329.5 | 22.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| TS-1            | Times Square (left)                                | 836747.7 | 815487.8 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |

| Noise Source ID | Building Name        | X        | Y        | Z     | Type          | Night | Reference Catalogue                   | SPL | Measurement Distance (m) | Distance Correction | SWL  | Tonal | CadnaA input (Day&Evening), dB(A) | CadnaA input (Night), dB(A) |
|-----------------|----------------------|----------|----------|-------|---------------|-------|---------------------------------------|-----|--------------------------|---------------------|------|-------|-----------------------------------|-----------------------------|
| TS-2            | Times Square (left)  | 836748.4 | 815484.9 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-3            | Times Square (left)  | 836749.5 | 815482.2 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-4            | Times Square (left)  | 836750.6 | 815479.5 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-5            | Times Square (left)  | 836751.8 | 815476.9 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-6            | Times Square (left)  | 836766.0 | 815476.6 | 180.0 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-7            | Times Square (left)  | 836770.5 | 815474.7 | 180.0 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-8            | Times Square (left)  | 836775.4 | 815472.6 | 180.0 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-9            | Times Square (left)  | 836781.2 | 815459.6 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| TS-10           | Times Square (left)  | 836790.1 | 815458.4 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 0.0                         |
| TS-11           | Times Square (left)  | 836791.3 | 815462.1 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 0.0                         |
| TS-12           | Times Square (left)  | 836799.9 | 815462.3 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-13           | Times Square (left)  | 836800.7 | 815465.9 | 180.0 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 310) | N/A | N/A                      | N/A                 | 87.0 | 3     | 90.0                              | 0.0                         |
| TS-14           | Times Square (right) | 836829.5 | 815484.4 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-15           | Times Square (right) | 836839.7 | 815490.9 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-16           | Times Square (right) | 836839.3 | 815481.8 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-17           | Times Square (right) | 836840.3 | 815477.8 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-18           | Times Square (right) | 836847.0 | 815480.6 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| TS-19           | Times Square (right) | 836850.6 | 815486.8 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 870) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-20           | Times Square (right) | 836849.1 | 815497.0 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-21           | Times Square (right) | 836850.9 | 815501.1 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-22           | Times Square (right) | 836852.6 | 815505.1 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-23           | Times Square (right) | 836858.6 | 815495.2 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-24           | Times Square (right) | 836860.4 | 815499.3 | 205.5 | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| TS-25           | Times Square (right) | 836859.5 | 815524.3 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-26           | Times Square (right) | 836861.0 | 815521.7 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-27           | Times Square (right) | 836862.0 | 815519.0 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| TS-28           | Times Square (right) | 836864.4 | 815516.3 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| TS-29           | Times Square (right) | 836864.7 | 815511.9 | 205.5 | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 650) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| LT-1            | Lee Theatre          | 836907.9 | 815500.9 | 111.5 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-400)   | 68  | 5.0                      | 22.0                | 90.0 | 3     | 93.0                              | 93.0                        |
| LT-2            | Lee Theatre          | 836912.4 | 815503.1 | 111.5 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-400)   | 68  | 5.0                      | 22.0                | 90.0 | 3     | 93.0                              | 93.0                        |
| LT-3            | Lee Theatre          | 836917.2 | 815506.0 | 111.5 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 96.8                        |
| LT-4            | Lee Theatre          | 836909.7 | 815490.6 | 109.0 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 98.0                        |
| LT-5            | Lee Theatre          | 836914.4 | 815492.8 | 109.0 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 98.0                        |
| LT-6            | Lee Theatre          | 836919.3 | 815494.2 | 109.0 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 98.0                        |
| LT-7            | Lee Theatre          | 836924.4 | 815494.5 | 109.0 | Chiller       | Y     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 98.0                        |
| LT-8            | Lee Theatre          | 836911.6 | 815480.6 | 111.5 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 84.9                        |
| LT-9            | Lee Theatre          | 836908.3 | 815478.6 | 111.5 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 84.9                        |
| PW-1            | Po Wing Building     | 836971.6 | 815494.7 | 48.2  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| PW-2            | Po Wing Building     | 836973.4 | 815495.4 | 48.2  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| OH-1            | One Hysan Avenue     | 836976.6 | 815471.8 | 85.7  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| OH-2            | One Hysan Avenue     | 836982.8 | 815469.6 | 85.7  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| OH-3            | One Hysan Avenue     | 836968.1 | 815459.3 | 84.3  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| OH-4            | One Hysan Avenue     | 836976.1 | 815456.0 | 84.3  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| OH-5            | One Hysan Avenue     | 836979.7 | 815451.9 | 82.5  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| OH-6            | One Hysan Avenue     | 836990.0 | 815456.3 | 83.7  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 580) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| SH-1            | The Sharp            | 836834.4 | 815451.8 | 143.9 | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SH-2            | The Sharp            | 836834.8 | 815447.7 | 143.9 | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| SH-3            | The Sharp            | 836835.4 | 815446.3 | 143.9 | VRV           | N     | VRV (Ref - Daikin: RUXYQ44BB)         | 66  | 1.0                      | 8.0                 | 74.0 | 3     | 77.0                              | 0.0                         |
| RC-1            | Redana Centre        | 836764.3 | 815404.9 | 21.9  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| RC-2            | Redana Centre        | 836765.0 | 815405.2 | 21.9  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| RC-3            | Redana Centre        | 836765.6 | 815405.5 | 21.9  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-125)   | 65  | 2.8                      | 16.9                | 81.9 | 3     | 84.9                              | 0.0                         |
| LC-1            | Leighton Centre      | 836871.5 | 815414.2 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-2            | Leighton Centre      | 836875.9 | 815414.1 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-3            | Leighton Centre      | 836877.7 | 815415.3 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-4            | Leighton Centre      | 836880.3 | 815417.1 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |

| Noise Source ID | Building Name                       | X        | Y        | Z     | Type          | Night | Reference Catalogue                   | SPL | Measurement Distance (m) | Distance Correction | SWL  | Tonal | CadnaA input (Day&Evening), dB(A) | CadnaA input (Night), dB(A) |
|-----------------|-------------------------------------|----------|----------|-------|---------------|-------|---------------------------------------|-----|--------------------------|---------------------|------|-------|-----------------------------------|-----------------------------|
| LC-5            | Leighton Centre                     | 836882.1 | 815418.3 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-6            | Leighton Centre                     | 836878.7 | 815403.1 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-7            | Leighton Centre                     | 836881.8 | 815405.3 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-8            | Leighton Centre                     | 836883.6 | 815406.5 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-9            | Leighton Centre                     | 836888.0 | 815408.7 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-10           | Leighton Centre                     | 836892.1 | 815410.9 | 81.1  | VRV           | N     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 0.0                         |
| LC-11           | Leighton Centre                     | 836897.5 | 815415.8 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-12           | Leighton Centre                     | 836899.1 | 815417.0 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-13           | Leighton Centre                     | 836902.6 | 815419.1 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-14           | Leighton Centre                     | 836904.2 | 815420.3 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-15           | Leighton Centre                     | 836907.8 | 815422.5 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-16           | Leighton Centre                     | 836909.4 | 815423.7 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| LC-17           | Leighton Centre                     | 836911.7 | 815425.3 | 83.8  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 0.0                         |
| CCC-1           | Craigengower Cricket Club           | 836730.3 | 815286.8 | 22.7  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| CCC-2           | Craigengower Cricket Club           | 836731.3 | 815278.0 | 22.7  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR 740) | N/A | N/A                      | N/A                 | 92.0 | 3     | 95.0                              | 0.0                         |
| CCC-3           | Craigengower Cricket Club           | 836797.3 | 815321.2 | 15.4  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| CCC-4           | Craigengower Cricket Club           | 836800.4 | 815322.3 | 15.4  | Chiller       | N     | Chiller (Ref - Daikin: EWAQ-F-XR 430) | N/A | N/A                      | N/A                 | 90.0 | 3     | 93.0                              | 0.0                         |
| JCH-1           | Jockey Club Headquarters            | 836717.9 | 815175.0 | 87.5  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 0.0                         |
| JCH-2           | Jockey Club Headquarters            | 836723.1 | 815175.0 | 87.5  | Chiller       | N     | Chiller (Ref - Daikin: EWAD-CFXR C15) | N/A | N/A                      | N/A                 | 95.0 | 3     | 98.0                              | 0.0                         |
| JCH-3           | Jockey Club Headquarters            | 836717.9 | 815162.8 | 88.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| JCH-4           | Jockey Club Headquarters            | 836717.9 | 815160.6 | 88.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| JCH-5           | Jockey Club Headquarters            | 836717.9 | 815158.4 | 88.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| JCH-6           | Jockey Club Headquarters            | 836788.5 | 815184.8 | 30.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| JCH-7           | Jockey Club Headquarters            | 836788.5 | 815181.7 | 30.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| JCH-8           | Jockey Club Headquarters            | 836788.5 | 815178.6 | 30.0  | Cooling Tower | N     | Cooling Tower (Ref - Ryowo: FC-600)   | 70  | 6.2                      | 23.8                | 93.8 | 3     | 96.8                              | 0.0                         |
| LCH-1           | Leighton Community Hall             | 836901.6 | 815179.4 | 19.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ14BB)         | 59  | 1.0                      | 8.0                 | 67.0 | 3     | 70.0                              | 0.0                         |
| LCH-2           | Leighton Community Hall             | 836903.4 | 815180.4 | 19.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ14BB)         | 59  | 1.0                      | 8.0                 | 67.0 | 3     | 70.0                              | 0.0                         |
| LCH-3           | Leighton Community Hall             | 836903.2 | 815175.6 | 19.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ14BB)         | 59  | 1.0                      | 8.0                 | 67.0 | 3     | 70.0                              | 0.0                         |
| LCH-4           | Leighton Community Hall             | 836905.2 | 815176.5 | 19.6  | VRV           | N     | VRV (Ref - Daikin: RUXYQ14BB)         | 59  | 1.0                      | 8.0                 | 67.0 | 3     | 70.0                              | 0.0                         |
| LCH-5           | Leighton Community Hall             | 836909.9 | 815168.9 | 16.9  | VRV           | N     | VRV (Ref - Daikin: RUXYQ14BB)         | 59  | 1.0                      | 8.0                 | 67.0 | 3     | 70.0                              | 0.0                         |
| LCH-6           | Leighton Community Hall             | 836911.1 | 815169.3 | 16.9  | VRV           | N     | VRV (Ref - Daikin: RUXYQ14BB)         | 59  | 1.0                      | 8.0                 | 67.0 | 3     | 70.0                              | 0.0                         |
| CR-1            | Crowne Plaza Hong Kong Causeway Bay | 836856.1 | 815342.1 | 128.6 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-450)   | 69  | 5.4                      | 22.7                | 91.7 | 3     | 94.7                              | 94.7                        |
| CR-2            | Crowne Plaza Hong Kong Causeway Bay | 836858.1 | 815340.0 | 128.6 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-450)   | 69  | 5.4                      | 22.7                | 91.7 | 3     | 94.7                              | 94.7                        |
| CR-3            | Crowne Plaza Hong Kong Causeway Bay | 836860.1 | 815337.9 | 128.6 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-450)   | 69  | 5.4                      | 22.7                | 91.7 | 3     | 94.7                              | 94.7                        |
| EE-1            | East Exchange Tower                 | 836979.7 | 815417.5 | 114.0 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 87.1                        |
| EE-2            | East Exchange Tower                 | 836977.5 | 815413.2 | 114.0 | Cooling Tower | Y     | Cooling Tower (Ref - Ryowo: FC-175)   | 66  | 3.2                      | 18.1                | 84.1 | 3     | 87.1                              | 87.1                        |
| ZG-1            | zing!                               | 836764.3 | 815377.7 | 128.0 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| ZG-2            | zing!                               | 836765.6 | 815378.2 | 128.0 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| ZG-3            | zing!                               | 836766.9 | 815378.8 | 128.0 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| ZG-4            | zing!                               | 836764.8 | 815376.5 | 128.0 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| ZG-5            | zing!                               | 836766.1 | 815377.1 | 128.0 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |
| ZG-6            | zing!                               | 836767.4 | 815377.7 | 128.0 | VRV           | Y     | VRV (Ref - Daikin: RUXYQ22BB)         | 61  | 1.0                      | 8.0                 | 69.0 | 3     | 72.0                              | 72.0                        |

### **Appendix 3-5      Capture of CadnaA Model and Result Files**

| Receiver |    | Limiting Value | Limiting Value | Result (DAY) | Result (NIGHT) | x        | y        | mPD (floor level |
|----------|----|----------------|----------------|--------------|----------------|----------|----------|------------------|
| Name     | ID | Day & Evening  | Night          |              |                |          |          |                  |
|          |    | dB(A)          | dB(A)          | dB(A)        | dB(A)          |          |          |                  |
| F01_5    |    | 70             | 60             | 51.1         | 42.7           | 836743.7 | 815363.5 | 29.1             |
| F01_6    |    | 70             | 60             | 51.7         | 43.1           | 836743.7 | 815363.5 | 32.4             |
| F01_7    |    | 70             | 60             | 52.3         | 43.5           | 836743.7 | 815363.5 | 35.7             |
| F01_8    |    | 70             | 60             | 51.6         | 44.0           | 836743.7 | 815363.5 | 39.1             |
| F01_9    |    | 70             | 60             | 52.2         | 44.4           | 836743.7 | 815363.5 | 42.4             |
| F01_10   |    | 70             | 60             | 53.5         | 44.8           | 836743.7 | 815363.5 | 45.7             |
| F01_11   |    | 70             | 60             | 55.3         | 45.1           | 836743.7 | 815363.5 | 49.0             |
| F01_12   |    | 70             | 60             | 56.3         | 44.9           | 836743.7 | 815363.5 | 52.4             |
| F01_15   |    | 70             | 60             | 56.8         | 45.6           | 836743.7 | 815363.5 | 55.7             |
| F01_16   |    | 70             | 60             | 57.4         | 46.0           | 836743.7 | 815363.5 | 59.0             |
| F01_17   |    | 70             | 60             | 58.0         | 45.8           | 836743.7 | 815363.5 | 62.3             |
| F01_18   |    | 70             | 60             | 58.2         | 46.1           | 836743.7 | 815363.5 | 65.7             |
| F01_19   |    | 70             | 60             | 58.9         | 46.6           | 836743.7 | 815363.5 | 69.0             |
| F01_20   |    | 70             | 60             | 60.7         | 47.0           | 836743.7 | 815363.5 | 72.3             |
| F01_21   |    | 70             | 60             | 61.4         | 47.7           | 836743.7 | 815363.5 | 75.6             |
| F01_22   |    | 70             | 60             | 62.9         | 47.3           | 836743.7 | 815363.5 | 79.0             |
| F01_23   |    | 70             | 60             | 63.8         | 47.2           | 836743.7 | 815363.5 | 82.3             |
| F01_25   |    | 70             | 60             | 64.2         | 47.9           | 836743.7 | 815363.5 | 85.6             |
| F01_26   |    | 70             | 60             | 64.7         | 48.2           | 836743.7 | 815363.5 | 88.9             |
| F01_27   |    | 70             | 60             | 65.1         | 47.5           | 836743.7 | 815363.5 | 92.3             |
| F01_28   |    | 70             | 60             | 65.5         | 47.7           | 836743.7 | 815363.5 | 95.6             |
| F01_29   |    | 70             | 60             | 65.5         | 48.4           | 836743.7 | 815363.5 | 98.9             |
| F02_5    |    | 70             | 60             | 51.3         | 45.0           | 836736.3 | 815368.0 | 29.1             |
| F02_6    |    | 70             | 60             | 51.7         | 45.4           | 836736.3 | 815368.0 | 32.4             |
| F02_7    |    | 70             | 60             | 52.4         | 45.2           | 836736.3 | 815368.0 | 35.7             |
| F02_8    |    | 70             | 60             | 52.7         | 44.7           | 836736.3 | 815368.0 | 39.1             |
| F02_9    |    | 70             | 60             | 53.1         | 45.3           | 836736.3 | 815368.0 | 42.4             |
| F02_10   |    | 70             | 60             | 52.6         | 45.6           | 836736.3 | 815368.0 | 45.7             |
| F02_11   |    | 70             | 60             | 53.1         | 46.0           | 836736.3 | 815368.0 | 49.0             |
| F02_12   |    | 70             | 60             | 53.6         | 46.3           | 836736.3 | 815368.0 | 52.4             |
| F02_15   |    | 70             | 60             | 54.3         | 45.9           | 836736.3 | 815368.0 | 55.7             |
| F02_16   |    | 70             | 60             | 55.8         | 46.3           | 836736.3 | 815368.0 | 59.0             |
| F02_17   |    | 70             | 60             | 57.4         | 46.8           | 836736.3 | 815368.0 | 62.3             |
| F02_18   |    | 70             | 60             | 58.0         | 47.3           | 836736.3 | 815368.0 | 65.7             |
| F02_19   |    | 70             | 60             | 58.9         | 48.8           | 836736.3 | 815368.0 | 69.0             |
| F02_20   |    | 70             | 60             | 59.5         | 49.4           | 836736.3 | 815368.0 | 72.3             |
| F02_21   |    | 70             | 60             | 60.1         | 49.8           | 836736.3 | 815368.0 | 75.6             |
| F02_22   |    | 70             | 60             | 60.7         | 50.1           | 836736.3 | 815368.0 | 79.0             |
| F02_23   |    | 70             | 60             | 61.3         | 49.7           | 836736.3 | 815368.0 | 82.3             |
| F02_25   |    | 70             | 60             | 61.8         | 50.2           | 836736.3 | 815368.0 | 85.6             |
| F02_26   |    | 70             | 60             | 62.3         | 50.5           | 836736.3 | 815368.0 | 88.9             |
| F02_27   |    | 70             | 60             | 62.8         | 51.3           | 836736.3 | 815368.0 | 92.3             |
| F02_28   |    | 70             | 60             | 62.7         | 51.6           | 836736.3 | 815368.0 | 95.6             |
| F02_29   |    | 70             | 60             | 63.2         | 52.0           | 836736.3 | 815368.0 | 98.9             |
| F03_5    |    | 70             | 60             | 51.1         | 46.3           | 836737.8 | 815374.4 | 29.1             |
| F03_6    |    | 70             | 60             | 51.5         | 46.7           | 836737.8 | 815374.4 | 32.4             |
| F03_7    |    | 70             | 60             | 51.8         | 46.7           | 836737.8 | 815374.4 | 35.7             |
| F03_8    |    | 70             | 60             | 52.2         | 47.3           | 836737.8 | 815374.4 | 39.1             |
| F03_9    |    | 70             | 60             | 52.5         | 47.6           | 836737.8 | 815374.4 | 42.4             |
| F03_10   |    | 70             | 60             | 53.1         | 48.3           | 836737.8 | 815374.4 | 45.7             |
| F03_11   |    | 70             | 60             | 53.7         | 49.1           | 836737.8 | 815374.4 | 49.0             |
| F03_12   |    | 70             | 60             | 54.0         | 49.6           | 836737.8 | 815374.4 | 52.4             |



| Receiver |    | Limiting Value | Limiting Value | Result (DAY) | Result (NIGHT) | x        | y        | mPD (floor level) |
|----------|----|----------------|----------------|--------------|----------------|----------|----------|-------------------|
| Name     | ID | Day & Evening  | Night          |              |                |          |          |                   |
|          |    | dB(A)          | dB(A)          | dB(A)        | dB(A)          |          |          |                   |
| F03_15   |    | 70             | 60             | 54.6         | 50.6           | 836737.8 | 815374.4 | 55.7              |
| F03_16   |    | 70             | 60             | 55.2         | 51.6           | 836737.8 | 815374.4 | 59.0              |
| F03_17   |    | 70             | 60             | 55.9         | 52.6           | 836737.8 | 815374.4 | 62.3              |
| F03_18   |    | 70             | 60             | 56.7         | 53.9           | 836737.8 | 815374.4 | 65.7              |
| F03_19   |    | 70             | 60             | 57.3         | 54.4           | 836737.8 | 815374.4 | 69.0              |
| F03_20   |    | 70             | 60             | 57.5         | 54.7           | 836737.8 | 815374.4 | 72.3              |
| F03_21   |    | 70             | 60             | 57.5         | 54.5           | 836737.8 | 815374.4 | 75.6              |
| F03_22   |    | 70             | 60             | 58.2         | 55.6           | 836737.8 | 815374.4 | 79.0              |
| F03_23   |    | 70             | 60             | 59.5         | 57.7           | 836737.8 | 815374.4 | 82.3              |
| F03_25   |    | 70             | 60             | 60.2         | 58.6           | 836737.8 | 815374.4 | 85.6              |
| F03_26   |    | 70             | 60             | 60.4         | 58.7           | 836737.8 | 815374.4 | 88.9              |
| F03_27   |    | 70             | 60             | 60.6         | 58.9           | 836737.8 | 815374.4 | 92.3              |
| F03_28   |    | 70             | 60             | 60.7         | 59.1           | 836737.8 | 815374.4 | 95.6              |
| F03_29   |    | 70             | 60             | 61.0         | 59.2           | 836737.8 | 815374.4 | 98.9              |
| F04_5    |    | 70             | 60             | 49.3         | 46.1           | 836741.9 | 815376.3 | 29.1              |
| F04_6    |    | 70             | 60             | 49.4         | 45.5           | 836741.9 | 815376.3 | 32.4              |
| F04_7    |    | 70             | 60             | 49.8         | 46.2           | 836741.9 | 815376.3 | 35.7              |
| F04_8    |    | 70             | 60             | 50.3         | 46.9           | 836741.9 | 815376.3 | 39.1              |
| F04_9    |    | 70             | 60             | 50.9         | 47.9           | 836741.9 | 815376.3 | 42.4              |
| F04_10   |    | 70             | 60             | 51.6         | 48.9           | 836741.9 | 815376.3 | 45.7              |
| F04_11   |    | 70             | 60             | 51.9         | 49.2           | 836741.9 | 815376.3 | 49.0              |
| F04_12   |    | 70             | 60             | 52.6         | 50.0           | 836741.9 | 815376.3 | 52.4              |
| F04_15   |    | 70             | 60             | 53.7         | 50.8           | 836741.9 | 815376.3 | 55.7              |
| F04_16   |    | 70             | 60             | 54.7         | 51.8           | 836741.9 | 815376.3 | 59.0              |
| F04_17   |    | 70             | 60             | 55.4         | 52.9           | 836741.9 | 815376.3 | 62.3              |
| F04_18   |    | 70             | 60             | 56.0         | 53.7           | 836741.9 | 815376.3 | 65.7              |
| F04_19   |    | 70             | 60             | 56.9         | 54.8           | 836741.9 | 815376.3 | 69.0              |
| F04_20   |    | 70             | 60             | 57.1         | 55.1           | 836741.9 | 815376.3 | 72.3              |
| F04_21   |    | 70             | 60             | 57.1         | 55.1           | 836741.9 | 815376.3 | 75.6              |
| F04_22   |    | 70             | 60             | 57.8         | 56.2           | 836741.9 | 815376.3 | 79.0              |
| F04_23   |    | 70             | 60             | 59.4         | 58.2           | 836741.9 | 815376.3 | 82.3              |
| F04_25   |    | 70             | 60             | 60.1         | 59.2           | 836741.9 | 815376.3 | 85.6              |
| F04_26   |    | 70             | 60             | 60.3         | 59.4           | 836741.9 | 815376.3 | 88.9              |
| F04_27   |    | 70             | 60             | 60.4         | 59.5           | 836741.9 | 815376.3 | 92.3              |
| F04_28   |    | 70             | 60             | 60.6         | 59.7           | 836741.9 | 815376.3 | 95.6              |
| F04_29   |    | 70             | 60             | 60.8         | 59.8           | 836741.9 | 815376.3 | 98.9              |

**Appendix 3-6      Predicted Fixed Noise Impact Assessment Result (Base Case Scenario)**

Predicted Noise Level for Fixed Noise Impact Assessment - Base Case Scenario

Day & Evening Time [Noise Standard: 70 dB(A)]

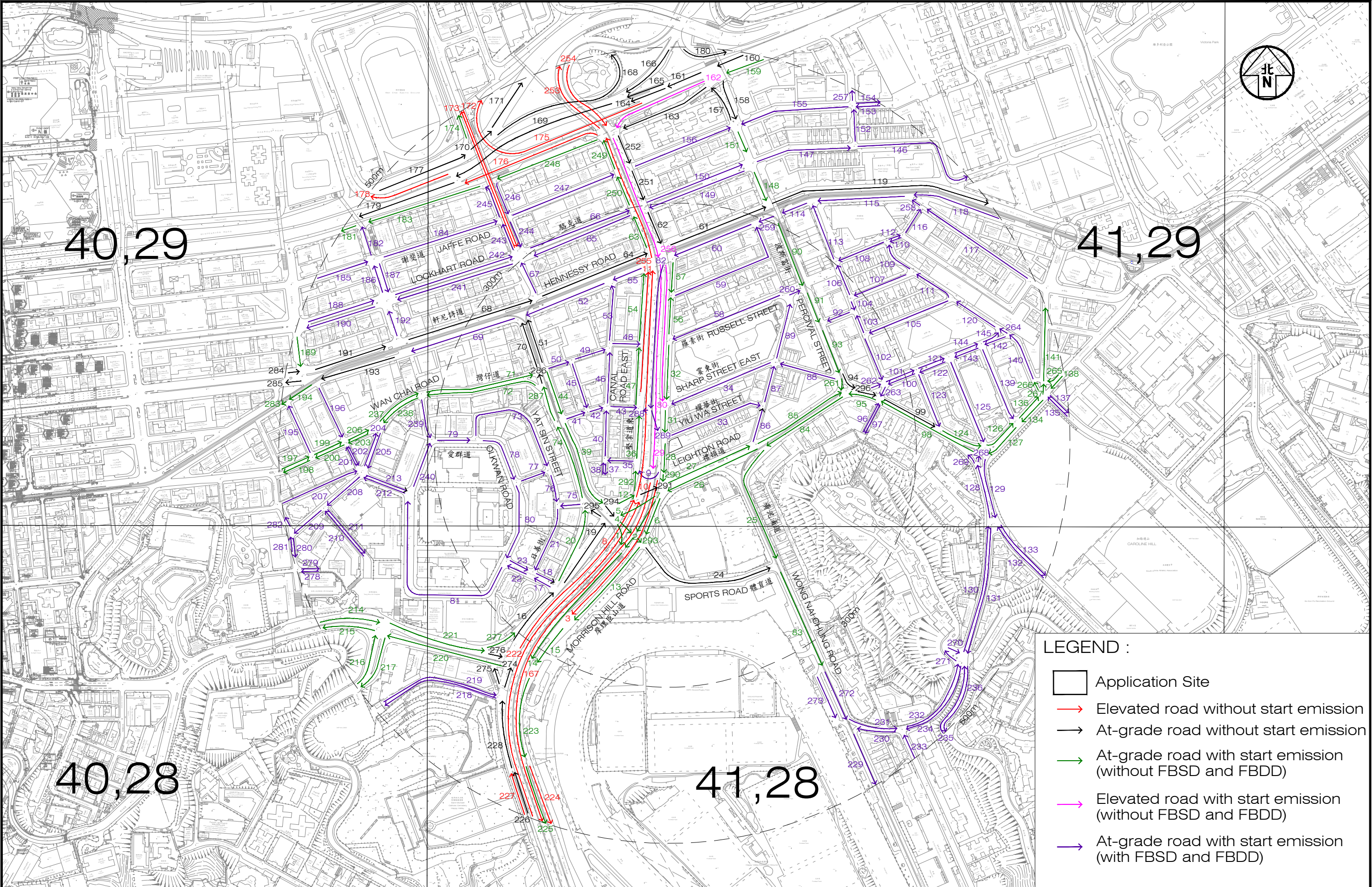
| Floor   | mPD  | F01 | F02 | F03 | F04 |
|---------|------|-----|-----|-----|-----|
| 5/F     | 29.1 | 51  | 51  | 51  | 49  |
| 6/F     | 32.4 | 52  | 52  | 52  | 49  |
| 7/F     | 35.7 | 52  | 52  | 52  | 50  |
| 8/F     | 39.0 | 52  | 53  | 52  | 50  |
| 9/F     | 42.4 | 52  | 53  | 53  | 51  |
| 10/F    | 45.7 | 54  | 53  | 53  | 52  |
| 11/F    | 49.0 | 55  | 53  | 54  | 52  |
| 12/F    | 52.3 | 56  | 54  | 54  | 53  |
| 15/F    | 55.7 | 57  | 54  | 55  | 54  |
| 16/F    | 59.0 | 57  | 56  | 55  | 55  |
| 17/F    | 62.3 | 58  | 57  | 56  | 55  |
| 18/F    | 65.6 | 58  | 58  | 57  | 56  |
| 19/F    | 69.0 | 59  | 59  | 57  | 57  |
| 20/F    | 72.3 | 61  | 60  | 58  | 57  |
| 21/F    | 75.6 | 61  | 60  | 58  | 57  |
| 22/F    | 78.9 | 63  | 61  | 58  | 58  |
| 23/F    | 82.3 | 64  | 61  | 60  | 59  |
| 25/F    | 85.6 | 64  | 62  | 60  | 60  |
| 26/F    | 88.9 | 65  | 62  | 60  | 60  |
| 27/F    | 92.2 | 65  | 63  | 61  | 60  |
| 28/F    | 95.6 | 66  | 63  | 61  | 61  |
| 29/F    | 98.9 | 66  | 63  | 61  | 61  |
| Maximum |      | 66  | 63  | 61  | 61  |

Night Time [Noise Standard: 60 dB(A)]

| Floor   | mPD  | F01 | F02 | F03 | F04 |
|---------|------|-----|-----|-----|-----|
| 5/F     | 29.1 | 43  | 45  | 46  | 46  |
| 6/F     | 32.4 | 43  | 45  | 47  | 46  |
| 7/F     | 35.7 | 44  | 45  | 47  | 46  |
| 8/F     | 39.0 | 44  | 45  | 47  | 47  |
| 9/F     | 42.4 | 44  | 45  | 48  | 48  |
| 10/F    | 45.7 | 45  | 46  | 48  | 49  |
| 11/F    | 49.0 | 45  | 46  | 49  | 49  |
| 12/F    | 52.3 | 45  | 46  | 50  | 50  |
| 15/F    | 55.7 | 46  | 46  | 51  | 51  |
| 16/F    | 59.0 | 46  | 46  | 52  | 52  |
| 17/F    | 62.3 | 46  | 47  | 53  | 53  |
| 18/F    | 65.6 | 46  | 47  | 54  | 54  |
| 19/F    | 69.0 | 47  | 49  | 54  | 55  |
| 20/F    | 72.3 | 47  | 49  | 55  | 55  |
| 21/F    | 75.6 | 48  | 50  | 55  | 55  |
| 22/F    | 78.9 | 47  | 50  | 56  | 56  |
| 23/F    | 82.3 | 47  | 50  | 58  | 58  |
| 25/F    | 85.6 | 48  | 50  | 59  | 59  |
| 26/F    | 88.9 | 48  | 51  | 59  | 59  |
| 27/F    | 92.2 | 48  | 51  | 59  | 60  |
| 28/F    | 95.6 | 48  | 52  | 59  | 60  |
| 29/F    | 98.9 | 48  | 52  | 59  | 60  |
| Maximum |      | 48  | 52  | 59  | 60  |

**Appendix 4-2      Traffic Forecast for Air Quality Impact Assessment (Traffic  
Forecast for Years 2030, 2038 and 2045 provided in CD) and  
Endorsement by TD (to be provided)**





|               |  |                                                                                   |  |  |             |          |          |             |                                                                                                                                                                                                                           |     |
|---------------|--|-----------------------------------------------------------------------------------|--|--|-------------|----------|----------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Project Title |  | PROPOSED COMPOSITE BUILDING AT NOS. 42-44 YIU WAH STREET, CAUSEWAY BAY, HONG KONG |  |  | Figure No.  | EA1      | Revision | A           | CKM Asia Limited<br>Traffic and Transportation Planning Consultants<br>21st Floor, Methodist House, 36 Hennessy Road<br>Wan Chai, Hong Kong<br>Tel : (852) 2520 5990 Fax : (852) 2528 6343<br>Email : mail@ckmasia.com.hk |     |
| Figure Title  |  | LOCATION OF TRAFFIC DATA                                                          |  |  | Designed by | L C H    | Drawn by | N C M       | Checked by                                                                                                                                                                                                                | K C |
|               |  |                                                                                   |  |  | Scale in A3 | 1 : 4500 | Date     | 30 MAR 2026 |                                                                                                                                                                                                                           |     |
|               |  |                                                                                   |  |  |             |          |          |             |                                                                                                                                                                                                                           |     |

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**Appendix 4-4      Summary of Total Pollutant Emission (from EMFAC-HK)**



### Summary of Sensitivity Test Results (from SAMP V2.1)

Temperature and RH assumptions: AnnualHourMin

#### **Total Emission per year**

|                 | NO <sub>2</sub> (tonnes) | NO (tonnes)  | NO <sub>x</sub> (tonnes) | RSP (tonnes) | FSP (tonnes) |
|-----------------|--------------------------|--------------|--------------------------|--------------|--------------|
| Year 2030 (ZEV) | <b>3.71</b>              | <b>32.63</b> | <b>36.35</b>             | <b>1.12</b>  | <b>1.03</b>  |
| Year 2038 (ZEV) | 2.32                     | 12.17        | 14.50                    | 0.35         | 0.32         |
| Year 2045 (ZEV) | 1.27                     | 6.31         | 7.58                     | 0.21         | 0.19         |

Notes:

[1] Bold characters represent the highest amount of the pollutants among the three years.

[2] Since the amount of the pollutants of Year 2030 would be highest among the three years, Year 2030 is chosen as the assessment year for the air quality impact assessment.