

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N01	A	97	229.5			45	N/A	N/A	45
	Bi	92	229.5			40	N/A	N/A	
	Bii	96	229.5			44	N/A	N/A	
	Biii	97	229.5			45	N/A	N/A	
	C	97			229.5	N/A	N/A	45	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100				N/A	N/A	N/A		
N02	A	97	285.5			43	N/A	N/A	43
	Bi	92	285.5			38	N/A	N/A	
	Bii	96	285.5			42	N/A	N/A	
	Biii	97	285.5			43	N/A	N/A	
	C	97			285.5	N/A	N/A	43	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100				N/A	N/A	N/A		
N03	A	97	46.5			59	N/A	N/A	62
	Bi	92	46.5			54	N/A	N/A	
	Bii	96	46.5			58	N/A	N/A	
	Biii	97	46.5			59	N/A	N/A	
	C	97			46.5	N/A	N/A	59	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			46.5	N/A	N/A	62		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N04	A	97	53.0			58	N/A	N/A	61
	Bi	92	53.0			53	N/A	N/A	
	Bii	96	53.0			57	N/A	N/A	
	Biii	97	53.0			58	N/A	N/A	
	C	97			53.0	N/A	N/A	58	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			54.0	N/A	N/A	61		
N05	A	97	32.5			62	N/A	N/A	62
	Bi	92	32.5			57	N/A	N/A	
	Bii	96	32.5			61	N/A	N/A	
	Biii	97	32.5			62	N/A	N/A	
	C	97			32.5	N/A	N/A	62	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			68.0	N/A	N/A	59		
N06	A	97	7.5			75	N/A	N/A	75
	Bi	92	7.5			70	N/A	N/A	
	Bii	96	7.5			74	N/A	N/A	
	Biii	97	7.5			75	N/A	N/A	
	C	97			7.5	N/A	N/A	74	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			231.5	N/A	N/A	48		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N07	A	97	27.0			63	N/A	N/A	64
	Bi	92	27.0			58	N/A	N/A	
	Bii	96	27.0			63	N/A	N/A	
	Biii	97	27.0			64	N/A	N/A	
	C	97			27.0	N/A	N/A	63	
	Di	92		212.5		N/A	41	N/A	
	Dii	97		212.5		N/A	45	N/A	
	E1	104		212.5		N/A	53	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		212.5		N/A	46	N/A	
	F2ii	97		212.5		N/A	45	N/A	
G	100			119.0	N/A	N/A	54		
N08	A	97	32.0			62	N/A	N/A	62
	Bi	92	32.0			57	N/A	N/A	
	Bii	96	32.0			61	N/A	N/A	
	Biii	97	32.0			62	N/A	N/A	
	C	97			32.0	N/A	N/A	62	
	Di	92		169.5		N/A	43	N/A	
	Dii	97		169.5		N/A	47	N/A	
	E1	104		169.5		N/A	55	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		169.5		N/A	48	N/A	
	F2ii	97		169.5		N/A	47	N/A	
G	100			74.5	N/A	N/A	58		
N09a	A	97	18.5			67	N/A	N/A	70
	Bi	92	18.5			62	N/A	N/A	
	Bii	96	18.5			66	N/A	N/A	
	Biii	97	18.5			67	N/A	N/A	
	C	97			18.5	N/A	N/A	67	
	Di	92		40.0		N/A	55	N/A	
	Dii	97		40.0		N/A	60	N/A	
	E1	104		40.0		N/A	67	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		40.0		N/A	60	N/A	
	F2ii	97		40.0		N/A	60	N/A	
G	100			18.5	N/A	N/A	70		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N10	A	97	83.5			54	N/A	N/A	61
	Bi	92	83.5			49	N/A	N/A	
	Bii	96	83.5			53	N/A	N/A	
	Biii	97	83.5			54	N/A	N/A	
	C	97			83.5	N/A	N/A	54	
	Di	92		83.5		N/A	49	N/A	
	Dii	97		83.5		N/A	53	N/A	
	E1	104		83.5		N/A	61	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97			209.5	N/A	46	N/A	
	F2ii	97			209.5	N/A	45	N/A	
G	100			209.5	N/A	N/A	49		
N11	A	97	7.0			75	N/A	N/A	75
	Bi	92	7.0			70	N/A	N/A	
	Bii	96	7.0			75	N/A	N/A	
	Biii	97	7.0			75	N/A	N/A	
	C	97			7.0	N/A	N/A	75	
	Di	92		7.0		N/A	70	N/A	
	Dii	97		7.0		N/A	75	N/A	
	E1	92^		7.0		N/A	71	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97			7.0	N/A	75	N/A	
	F2ii	97			7.0	N/A	75	N/A	
G	100			46.5	N/A	N/A	62		
N12	A	97	30.0			62	N/A	N/A	66
	Bi	92	30.0			58	N/A	N/A	
	Bii	96	30.0			62	N/A	N/A	
	Biii	97	30.0			63	N/A	N/A	
	C	97			30.0	N/A	N/A	62	
	Di	92		45.0		N/A	54	N/A	
	Dii	97		45.0		N/A	59	N/A	
	E1	104		45.0		N/A	66	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97			45.0	N/A	59	N/A	
	F2ii	97			45.0	N/A	59	N/A	
G	100			30.0	N/A	N/A	66		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N13	A	97	30.0			62	N/A	N/A	66
	Bi	92	30.0			58	N/A	N/A	
	Bii	96	30.0			62	N/A	N/A	
	Biii	97	30.0			63	N/A	N/A	
	C	97			30.0	N/A	N/A	62	
	Di	92		112.5		N/A	46	N/A	
	Dii	97		112.5		N/A	51	N/A	
	E1	104		112.5		N/A	58	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		112.5		N/A	51	N/A	
	F2ii	97		112.5		N/A	51	N/A	
G	100			30.0	N/A	N/A	66		
N14	A	97	22.5			65	N/A	N/A	65
	Bi	92	22.5			60	N/A	N/A	
	Bii	96	22.5			64	N/A	N/A	
	Biii	97	22.5			65	N/A	N/A	
	C	97			22.5	N/A	N/A	65	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			132.0	N/A	N/A	53		
N15	A	97	24.0			64	N/A	N/A	65
	Bi	92	24.0			60	N/A	N/A	
	Bii	96	24.0			64	N/A	N/A	
	Biii	97	24.0			65	N/A	N/A	
	C	97			24.0	N/A	N/A	64	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			143.5	N/A	N/A	52		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N16	A	97	24.5			64	N/A	N/A	65
	Bi	92	24.5			59	N/A	N/A	
	Bii	96	24.5			64	N/A	N/A	
	Biii	97	24.5			65	N/A	N/A	
	C	97			24.5	N/A	N/A	64	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			239.5	N/A	N/A	48		
N17	A	97	13.0			70	N/A	N/A	70
	Bi	92	13.0			65	N/A	N/A	
	Bii	96	13.0			69	N/A	N/A	
	Biii	97	13.0			70	N/A	N/A	
	C	97			13.0	N/A	N/A	70	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			245.0	N/A	N/A	47		
N18	A	97	29.0			63	N/A	N/A	63
	Bi	92	29.0			58	N/A	N/A	
	Bii	96	29.0			62	N/A	N/A	
	Biii	97	29.0			63	N/A	N/A	
	C	97			29.0	N/A	N/A	63	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			189.5	N/A	N/A	50		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N19	A	97	34.0			61	N/A	N/A	62
	Bi	92	34.0			56	N/A	N/A	
	Bii	96	34.0			61	N/A	N/A	
	Biii	97	34.0			62	N/A	N/A	
	C	97			34.0	N/A	N/A	61	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			185.0	N/A	N/A	50		
N20	A	97	36.0			61	N/A	N/A	61
	Bi	92	36.0			56	N/A	N/A	
	Bii	96	36.0			60	N/A	N/A	
	Biii	97	36.0			61	N/A	N/A	
	C	97			36.0	N/A	N/A	61	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			65.5	N/A	N/A	59		
N21	A	97	16.5			68	N/A	N/A	71
	Bi	92	16.5			63	N/A	N/A	
	Bii	96	16.5			67	N/A	N/A	
	Biii	97	16.5			68	N/A	N/A	
	C	97			16.5	N/A	N/A	68	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			16.5	N/A	N/A	71		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N22	A	97	13.0			70	N/A	N/A	70
	Bi	92	13.0			65	N/A	N/A	
	Bii	96	13.0			69	N/A	N/A	
	Biii	97	13.0			70	N/A	N/A	
	C	97			13.0	N/A	N/A	70	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			49.0	N/A	N/A	61		
N23	A	97	25.5			64	N/A	N/A	64
	Bi	92	25.5			59	N/A	N/A	
	Bii	96	25.5			63	N/A	N/A	
	Biii	97	25.5			64	N/A	N/A	
	C	97			25.5	N/A	N/A	64	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			138.5	N/A	N/A	52		
N24	A	97	19.5			66	N/A	N/A	67
	Bi	92	19.5			61	N/A	N/A	
	Bii	96	19.5			66	N/A	N/A	
	Biii	97	19.5			67	N/A	N/A	
	C	97			19.5	N/A	N/A	66	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			127.0	N/A	N/A	53		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N25	A	97	20.0			66	N/A	N/A	66
	Bi	92	20.0			61	N/A	N/A	
	Bii	96	20.0			65	N/A	N/A	
	Biii	97	20.0			66	N/A	N/A	
	C	97			20.0	N/A	N/A	66	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			69.5	N/A	N/A	58		
N26	A	97	19.0			66	N/A	N/A	67
	Bi	92	19.0			62	N/A	N/A	
	Bii	96	19.0			66	N/A	N/A	
	Biii	97	19.0			67	N/A	N/A	
	C	97			19.0	N/A	N/A	66	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			97.0	N/A	N/A	55		
N27	A	97	50.0			58	N/A	N/A	61
	Bi	92	50.0			53	N/A	N/A	
	Bii	96	50.0			57	N/A	N/A	
	Biii	97	50.0			58	N/A	N/A	
	C	97			50.0	N/A	N/A	58	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			50.0	N/A	N/A	61		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N28	A	97	15.5			68	N/A	N/A	71
	Bi	92	15.5			63	N/A	N/A	
	Bii	96	15.5			68	N/A	N/A	
	Biii	97	15.5			69	N/A	N/A	
	C	97			15.5	N/A	N/A	68	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			15.5	N/A	N/A	71		
N29	A	97	38.0			60	N/A	N/A	64
	Bi	92	38.0			56	N/A	N/A	
	Bii	96	38.0			60	N/A	N/A	
	Biii	97	38.0			61	N/A	N/A	
	C	97			38.0	N/A	N/A	60	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			38.0	N/A	N/A	64		
N30	A	97	23.5			65	N/A	N/A	68
	Bi	92	23.5			60	N/A	N/A	
	Bii	96	23.5			64	N/A	N/A	
	Biii	97	23.5			65	N/A	N/A	
	C	97			23.5	N/A	N/A	65	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			23.5	N/A	N/A	68		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N31	A	97	31.5			62	N/A	N/A	65
	Bi	92	31.5			57	N/A	N/A	
	Bii	96	31.5			61	N/A	N/A	
	Biii	97	31.5			62	N/A	N/A	
	C	97			31.5	N/A	N/A	62	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			31.5	N/A	N/A	65		
N32	A	97	21.0			66	N/A	N/A	66
	Bi	92	21.0			61	N/A	N/A	
	Bii	96	21.0			65	N/A	N/A	
	Biii	97	21.0			66	N/A	N/A	
	C	97			21.0	N/A	N/A	66	
	Di	92		189.5		N/A	42	N/A	
	Dii	97		189.5		N/A	46	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		189.5		N/A	48	N/A	
	F1ii	105		189.5		N/A	54	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			138.0	N/A	N/A	52		
N33	A	97	28.5			63	N/A	N/A	63
	Bi	92	28.5			58	N/A	N/A	
	Bii	96	28.5			62	N/A	N/A	
	Biii	97	28.5			63	N/A	N/A	
	C	97			28.5	N/A	N/A	63	
	Di	92		105.5		N/A	47	N/A	
	Dii	97		105.5		N/A	51	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		105.5		N/A	53	N/A	
	F1ii	105		105.5		N/A	59	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			143.5	N/A	N/A	52		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PMEs used in work front along Lam Kam Road.

Group F1 refers to the proposed PMEs used for geotechnical works including slope nail works, while Group F2 is the proposed PMEs used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N34	A	97	31.0			62	N/A	N/A	62
	Bi	92	31.0			57	N/A	N/A	
	Bii	96	31.0			62	N/A	N/A	
	Biii	97	31.0			62	N/A	N/A	
	C	97			31.0	N/A	N/A	62	
	Di	92		100.5		N/A	47	N/A	
	Dii	97		100.5		N/A	52	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		100.5		N/A	53	N/A	
	F1ii	105		100.5		N/A	60	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			100.5	N/A	N/A	55		
N35	A	97	31.5			62	N/A	N/A	65
	Bi	92	31.5			57	N/A	N/A	
	Bii	96	31.5			61	N/A	N/A	
	Biii	97	31.5			62	N/A	N/A	
	C	97			31.5	N/A	N/A	62	
	Di	92		55.5		N/A	52	N/A	
	Dii	97		55.5		N/A	57	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		55.5		N/A	58	N/A	
	F1ii	105		55.5		N/A	65	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			55.5	N/A	N/A	60		
N36	A	97	33.5			62	N/A	N/A	69
	Bi	92	33.5			57	N/A	N/A	
	Bii	96	33.5			61	N/A	N/A	
	Biii	97	33.5			62	N/A	N/A	
	C	97			33.5	N/A	N/A	61	
	Di	92		33.5		N/A	57	N/A	
	Dii	97		33.5		N/A	61	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		33.5		N/A	63	N/A	
	F1ii	105		33.5		N/A	69	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			33.5	N/A	N/A	65		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N37	A	97	30.0			62	N/A	N/A	65
	Bi	92	30.0			58	N/A	N/A	
	Bii	96	30.0			62	N/A	N/A	
	Biii	97	30.0			63	N/A	N/A	
	C	97			30.0	N/A	N/A	62	
	Di	92		55.0		N/A	52	N/A	
	Dii	97		55.0		N/A	57	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		55.0		N/A	59	N/A	
	F1ii	105		55.0		N/A	65	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			55.0	N/A	N/A	60		
N38	A	97	26.5			64	N/A	N/A	64
	Bi	92	26.5			59	N/A	N/A	
	Bii	96	26.5			63	N/A	N/A	
	Biii	97	26.5			64	N/A	N/A	
	C	97			26.5	N/A	N/A	64	
	Di	92		71.0		N/A	50	N/A	
	Dii	97		71.0		N/A	55	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		71.0		N/A	56	N/A	
	F1ii	105		71.0		N/A	63	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			71.0	N/A	N/A	58		
N39	A	97	12.5			70	N/A	N/A	70
	Bi	92	12.5			65	N/A	N/A	
	Bii	96	12.5			69	N/A	N/A	
	Biii	97	12.5			70	N/A	N/A	
	C	97			12.5	N/A	N/A	70	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			192.0	N/A	N/A	49		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N40	A	97	22.0			65	N/A	N/A	65
	Bi	92	22.0			60	N/A	N/A	
	Bii	96	22.0			65	N/A	N/A	
	Biii	97	22.0			65	N/A	N/A	
	C	97			22.0	N/A	N/A	65	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			104.5	N/A	N/A	55		
N41	A	97	17.0			67	N/A	N/A	68
	Bi	92	17.0			63	N/A	N/A	
	Bii	96	17.0			67	N/A	N/A	
	Biii	97	17.0			68	N/A	N/A	
	C	97			17.0	N/A	N/A	67	
	Di	92		250.5		N/A	39	N/A	
	Dii	97		250.5		N/A	44	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		250.5		N/A	45	N/A	
	F1ii	105		250.5		N/A	52	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			75.5	N/A	N/A	58		
N42	A	97	19.5			66	N/A	N/A	67
	Bi	92	19.5			61	N/A	N/A	
	Bii	96	19.5			66	N/A	N/A	
	Biii	97	19.5			67	N/A	N/A	
	C	97			19.5	N/A	N/A	66	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			106.5	N/A	N/A	55		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME's used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME's used in work front along Lam Kam Road.

Group F1 refers to the proposed PME's used for geotechnical works including slope nail works, while Group F2 is the proposed PME's used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N43	A	97	48.0			58	N/A	N/A	62
	Bi	92	48.0			53	N/A	N/A	
	Bii	96	48.0			58	N/A	N/A	
	Biii	97	48.0			59	N/A	N/A	
	C	97			48.0	N/A	N/A	58	
	Di	92		242.5		N/A	39	N/A	
	Dii	97		242.5		N/A	44	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		242.5		N/A	46	N/A	
	F1ii	105		242.5		N/A	52	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			48.0	N/A	N/A	62		
N44	A	97	31.0			62	N/A	N/A	65
	Bi	92	31.0			57	N/A	N/A	
	Bii	96	31.0			62	N/A	N/A	
	Biii	97	31.0			62	N/A	N/A	
	C	97			31.0	N/A	N/A	62	
	Di	92		192.5		N/A	41	N/A	
	Dii	97		192.5		N/A	46	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		192.5		N/A	48	N/A	
	F1ii	105		192.5		N/A	54	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			31.0	N/A	N/A	65		
N45	A	97	36.0			61	N/A	N/A	64
	Bi	92	36.0			56	N/A	N/A	
	Bii	96	36.0			60	N/A	N/A	
	Biii	97	36.0			61	N/A	N/A	
	C	97			36.0	N/A	N/A	61	
	Di	92		148.5		N/A	44	N/A	
	Dii	97		148.5		N/A	48	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		148.5		N/A	50	N/A	
	F1ii	105		148.5		N/A	56	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			36.0	N/A	N/A	64		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N46	A	97	39.5			60	N/A	N/A	63
	Bi	92	39.5			55	N/A	N/A	
	Bii	96	39.5			60	N/A	N/A	
	Biii	97	39.5			60	N/A	N/A	
	C	97			39.5	N/A	N/A	60	
	Di	92		107.5		N/A	46	N/A	
	Dii	97		107.5		N/A	51	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		107.5		N/A	53	N/A	
	F1ii	105		107.5		N/A	59	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			39.5	N/A	N/A	63		
N47	A	97	154.0			48	N/A	N/A	55
	Bi	92	154.0			43	N/A	N/A	
	Bii	96	154.0			48	N/A	N/A	
	Biii	97	154.0			49	N/A	N/A	
	C	97			154.0	N/A	N/A	48	
	Di	92		170.0		N/A	43	N/A	
	Dii	97		170.0		N/A	47	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		170.0		N/A	49	N/A	
	F1ii	105		170.0		N/A	55	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			154.0	N/A	N/A	51		
N48	A	97	184.0			47	N/A	N/A	54
	Bi	92	184.0			42	N/A	N/A	
	Bii	96	184.0			46	N/A	N/A	
	Biii	97	184.0			47	N/A	N/A	
	C	97			184.0	N/A	N/A	47	
	Di	92		197.0		N/A	41	N/A	
	Dii	97		197.0		N/A	46	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		197.0		N/A	47	N/A	
	F1ii	105		197.0		N/A	54	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			270.0	N/A	N/A	47		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N49	A	97	39.0			60	N/A	N/A	68
	Bi	92	39.0			55	N/A	N/A	
	Bii	96	39.0			60	N/A	N/A	
	Biii	97	39.0			61	N/A	N/A	
	C	97			39.0	N/A	N/A	60	
	Di	92		39.0		N/A	55	N/A	
	Dii	97		39.0		N/A	60	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		39.0		N/A	62	N/A	
	F1ii	105		39.0		N/A	68	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100			134.0	N/A	N/A	53		
N50	A	97	46.0			59	N/A	N/A	65
	Bi	92	46.0			54	N/A	N/A	
	Bii	96	46.0			58	N/A	N/A	
	Biii	97	46.0			59	N/A	N/A	
	C	97			46.0	N/A	N/A	59	
	Di	92		46.0		N/A	54	N/A	
	Dii	97		46.0		N/A	58	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103		46.0		N/A	65	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		46.0		N/A	59	N/A	
	F2ii	97		46.0		N/A	59	N/A	
G	100				N/A	N/A	N/A		
N51	A	97	23.5			65	N/A	N/A	70
	Bi	92	23.5			60	N/A	N/A	
	Bii	96	23.5			64	N/A	N/A	
	Biii	97	23.5			65	N/A	N/A	
	C	97			23.5	N/A	N/A	65	
	Di	92		23.5		N/A	60	N/A	
	Dii	97		23.5		N/A	64	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103		23.5		N/A	70	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		23.5		N/A	65	N/A	
	F2ii	97		23.5		N/A	64	N/A	
G	100				N/A	N/A	N/A		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME used in work front along Lam Kam Road.

Group F1 refers to the proposed PME used for geotechnical works including slope nail works, while Group F2 is the proposed PME used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N52	A	97	35.5			61	N/A	N/A	63
	Bi	92	35.5			56	N/A	N/A	
	Bii	96	35.5			60	N/A	N/A	
	Biii	97	35.5			61	N/A	N/A	
	C	97			35.5	N/A	N/A	61	
	Di	92		58.0		N/A	52	N/A	
	Dii	97		58.0		N/A	56	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103		58.0		N/A	63	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		58.0		N/A	57	N/A	
	F2ii	97		58.0		N/A	57	N/A	
G	100				N/A	N/A	N/A		
N53	A	97	41.5			60	N/A	N/A	65
	Bi	92	41.5			55	N/A	N/A	
	Bii	96	41.5			59	N/A	N/A	
	Biii	97	41.5			60	N/A	N/A	
	C	97			41.5	N/A	N/A	60	
	Di	92		44.5		N/A	54	N/A	
	Dii	97		44.5		N/A	59	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103		44.5		N/A	65	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		44.5		N/A	59	N/A	
	F2ii	97		44.5		N/A	59	N/A	
G	100			213.5	N/A	N/A	49		
N54	A	97	40.5			60	N/A	N/A	66
	Bi	92	40.5			55	N/A	N/A	
	Bii	96	40.5			59	N/A	N/A	
	Biii	97	40.5			60	N/A	N/A	
	C	97			40.5	N/A	N/A	60	
	Di	92		40.5		N/A	55	N/A	
	Dii	97		40.5		N/A	59	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103		40.5		N/A	66	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97		40.5		N/A	60	N/A	
	F2ii	97		40.5		N/A	60	N/A	
G	100			40.5	N/A	N/A	63		

Appendix 4.7 Predicted Construction Noise Level (Mitigated)

Notes:

Noise levels exceeding the construction noise criteria of 75 dB(A)(70 dB(A) for N01) are bolded and underlined.

Group E1 refers to the proposed PME's used for rebar fixing and concreting works in the work front along Kam Tin Road, while Group E2 is the proposed PME's used in work front along Lam Kam Road.

Group F1 refers to the proposed PME's used for geotechnical works including slope nail works, while Group F2 is the proposed PME's used for general geotechnical works.

Remarks:

(*) Façade correction of +3dB(A) has been included in the results.

(^*) It is recommended that in-situ concrete mixing method using concrete mixer (electric) should be adopted for works at work front Zone 23A (as shown in Figure 2.5) which construction noise level to the nearest NSR (i.e. N11) exceeds the construction noise criteria though the recommended measures mentioned in Sections 4.5.4.3 to 4.5.4.9 of EIA Report have been implemented.

#Stage 1: Site Clearance and Road Upgrading Works (Group A or B)

#Stage 2: ELS Works, Foundation and Retaining Structure, Geotechnical Works (Group D, E or F) (if any)

#Stage 3: Soft Landscape and Noise Barriers (Group C or G) (if any)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level* Stage 1, dB(A)	Predicted Construction Noise Level* Stage 2, dB(A)	Predicted Construction Noise Level* Stage 3, dB(A)	Maximum Predicted Construction Noise Level, dB(A)
N55	A	97	17.0			67	N/A	N/A	75
	Bi	92	17.0			63	N/A	N/A	
	Bii	96	17.0			67	N/A	N/A	
	Biii	97	17.0			68	N/A	N/A	
	C	97			17.0	N/A	N/A	67	
	Di	92		17.0		N/A	63	N/A	
	Dii	97		17.0		N/A	67	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103		36.0		N/A	67	N/A	
	F1i	98		17.0		N/A	69	N/A	
	F1ii	105		17.0		N/A	75	N/A	
	F2i	97		36.0		N/A	61	N/A	
	F2ii	97		36.0		N/A	61	N/A	
G	100			17.0	N/A	N/A	71		
N56	A	97				N/A	N/A	N/A	N/A
	Bi	92				N/A	N/A	N/A	
	Bii	96				N/A	N/A	N/A	
	Biii	97				N/A	N/A	N/A	
	C	97				N/A	N/A	N/A	
	Di	92				N/A	N/A	N/A	
	Dii	97				N/A	N/A	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98				N/A	N/A	N/A	
	F1ii	105				N/A	N/A	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100				N/A	N/A	N/A		
N57	A	97	159.5			48	N/A	N/A	56
	Bi	92	159.5			43	N/A	N/A	
	Bii	96	159.5			47	N/A	N/A	
	Biii	97	159.5			48	N/A	N/A	
	C	97			159.5	N/A	N/A	48	
	Di	92		158.5		N/A	43	N/A	
	Dii	97		158.5		N/A	48	N/A	
	E1	104				N/A	N/A	N/A	
	E2	103				N/A	N/A	N/A	
	F1i	98		158.5		N/A	49	N/A	
	F1ii	105		158.5		N/A	56	N/A	
	F2i	97				N/A	N/A	N/A	
	F2ii	97				N/A	N/A	N/A	
G	100				N/A	N/A	N/A		