Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
-	A	113	229.5	Horizontal Distance, III	Horizontal Distance, III	61	N/A	N/A	Level, db(A)
	Bi	108	229.5			56	N/A	N/A	
	Bii	111	229.5			59	N/A	N/A	
	Biii	109	229.5			56	N/A	N/A N/A	
	C	109	229.5		229.5	N/A	N/A	50	
	Di	121			229.5	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N01	E1	113				N/A	N/A	N/A	61
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111				N/A	N/A	N/A	
	A	113	285.5			59	N/A	N/A	
	Bi	108	285.5			54	N/A	N/A	
	Bii	111	285.5			57	N/A	N/A	
	Biii	109	285.5			54	N/A	N/A	
	C	102			285.5	N/A	N/A	48	
	Di	121			200.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N02	E1	113				N/A	N/A	N/A	59
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111				N/A	N/A	N/A	
	Α	113	46.5			75	N/A	N/A	
	Bi	108	46.5			69	N/A	N/A	
	Bii	111	46.5			73	N/A	N/A	
	Biii	109	46.5			70	N/A	N/A	
	С	102			46.5	N/A	N/A	64	
	Di	121				N/A	N/A	N/A	
N03	Dii	116				N/A	N/A	N/A	75
1403	E1	113				N/A	N/A	N/A	,,
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			46.5	N/A	N/A	73	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
-	A	113	53.0	Horizontal Distance, III	Horizontal Distance, III	73	N/A	N/A	Level, db(A)
	Bi	108	53.0			68	N/A	N/A	
	Bii	111	53.0			72	N/A	N/A	
	Biii	109	53.0			69	N/A	N/A N/A	
	C	109	55.0		53.0	N/A	N/A	63	
	Di	121			55.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N04	E1	113				N/A	N/A	N/A N/A	73
	E2	114				N/A N/A	N/A N/A	N/A N/A	
	F1i	109				N/A	N/A	N/A N/A	
	F1ii	116				N/A N/A	N/A N/A	N/A N/A	
	F2i	108				N/A	N/A	N/A N/A	
	F2ii	110				N/A	N/A N/A	N/A N/A	
	G FZII	111			54.0	N/A	N/A N/A	72	
-	A	113	32.5		54.0		N/A N/A	N/A	
	Bi	108	32.5			<u>78</u> 73	N/A	N/A	
	Bii	111	32.5				N/A	N/A	
	Biii	109	32.5 32.5			<u>76</u> 73	N/A N/A	N/A N/A	
	C	109	32.5		32.5	N/A	N/A N/A	67	
	Di	102			32.5	N/A N/A	N/A N/A	N/A	
	Dii								
N05	E1	116 113				N/A N/A	N/A N/A	N/A N/A	<u>78</u>
	E2	114				N/A	N/A N/A	N/A N/A	
	F1i	109				N/A N/A	N/A N/A	N/A N/A	
	F1ii	116				N/A	N/A N/A	N/A N/A	
	F1II F2i	108				N/A N/A	N/A N/A	N/A N/A	
	F2ii					N/A N/A			
	G FZII	110 111			68.0	N/A N/A	N/A N/A	N/A 70	
		113	7.5		68.0	N/A	N/A N/A	70 N/A	
	A Bi	108	7.5 7.5			90 85 89 86 N/A	N/A N/A	N/A N/A	
	Bii	111	7.5 7.5			<u>05</u>	N/A N/A	N/A N/A	
	Biii		7.5 7.5			89	N/A N/A	N/A N/A	
		109	7.5		7.5	<u>86</u>			
	C	102			7.5	N/A	N/A	<u>79</u>	
	Di Di	121				N/A	N/A	N/A	
N06	Dii	116				N/A	N/A	N/A	<u>90</u>
	E1	113 114				N/A N/A	N/A	N/A	
	E2						N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110			224.5	N/A	N/A	N/A	
	G	111			231.5	N/A	N/A	59	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

NSR	Group of PME	SWL	Stage 1#	Stage 2#	Stage 3#	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Maximum Predicted Construction Noise
	·		Horizontal Distance, m	Horizontal Distance, m	Horizontal Distance, m	Stage 1, dB(A)	Stage 2, dB(A)	Stage 3, dB(A)	Level, dB(A)
	A D:	113	27.0			<u>79</u>	N/A	N/A	
	Bi	108	27.0			74	N/A	N/A	
	Bii	111	27.0			<u>78</u> 75	N/A	N/A	
	Biii	109	27.0				N/A	N/A	
	С	102			27.0	N/A	N/A	68	
	Di	121		212.5		N/A	70	N/A	
N07	Dii	116		212.5		N/A	64	N/A	<u>79</u>
	E1	113		212.5		N/A	61	N/A	_
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		212.5		N/A	56	N/A	
	F2ii	110		212.5		N/A	58	N/A	
	G	111			119.0	N/A	N/A	65	
	Α	113	32.0			<u>78</u> 73	N/A	N/A	
	Bi	108	32.0			73	N/A	N/A	
	Bii	111	32.0			<u>76</u> 73	N/A	N/A	
	Biii	109	32.0				N/A	N/A	
	С	102			32.0	N/A	N/A	67	
	Di	121		169.5		N/A	71	N/A	
N08	Dii	116		169.5		N/A	66	N/A	<u>78</u>
	E1	113		169.5		N/A	63	N/A	<u></u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		169.5		N/A	58	N/A	
	F2ii	110		169.5		N/A	60	N/A	
	G	111			74.5	N/A	N/A	69	
	Α	113	18.5			83 77 81 78 N/A	N/A	N/A	
	Bi	108	18.5			<u>77</u>	N/A	N/A	
	Bii	111	18.5			<u>81</u>	N/A	N/A	
	Biii	109	18.5			<u>78</u>	N/A	N/A	
	С	102			18.5	N/A	N/A	72	
	Di	121		40.0		N/A	<u>84</u> <u>79</u> <u>76</u> N/A	N/A	
N09a	Dii	116		40.0		N/A	<u>79</u>	N/A	<u>84</u>
11000	E1	113		40.0		N/A	<u>76</u>	N/A	<u>~~</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		40.0		N/A	71	N/A	
	F2ii	110		40.0		N/A	73	N/A	
I	G	111			18.5	N/A	N/A	<u>81</u>	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Maximum Predicted Construction Noise
-	Λ.	113	83.5	Horizontal Distance, m	Horizontal Distance, m	Stage 1, dB(A) 70	Stage 2, dB(A) N/A	Stage 3, dB(A) N/A	Level, dB(A)
	A Bi	108	83.5			64	N/A N/A	N/A N/A	
	Bii	111	83.5			68	N/A	N/A N/A	
	Biii		83.5			65	N/A N/A	N/A N/A	
	C	109 102	63.5		83.5	N/A	N/A N/A	N/A 59	
	Di	102		83.5	63.5	N/A N/A		N/A	
	Dii	116		83.5 83.5		N/A N/A	<u>78</u> 73	N/A N/A	
N10									<u>78</u>
	E1 E2	113 114		83.5		N/A N/A	69 N/A	N/A N/A	
	F1i F1ii	109				N/A	N/A N/A	N/A	
		116		222.5		N/A		N/A	
	F2i	108		209.5		N/A	56	N/A	
	F2ii G	110		209.5	000.5	N/A	58	N/A	
		111 113	7.0		209.5	N/A	N/A N/A	60 N/A	
	A Bi	108	7.0			<u>91</u> 86 90 87	N/A N/A	N/A N/A	
	Вii	111	7.0			<u>00</u>	N/A N/A	N/A N/A	
	Biii	109	7.0 7.0			<u>90</u>	N/A N/A	N/A N/A	
	C		7.0		7.0	<u>87</u> N/A			
	Di	102		7.0	7.0	N/A N/A	N/A	<u>80</u> N/A	
	Dii	121 116		7.0 7.0		N/A N/A	99	N/A N/A	
N11	E1	116		7.0 7.0		N/A N/A	94	N/A N/A	<u>99</u>
				7.0		N/A N/A	<u>99</u> <u>94</u> 91 N/A		
	E2 F1i	114 109				N/A N/A	N/A N/A	N/A N/A	
	F1ii								
	F2i	116		7.0		N/A N/A	N/A	N/A N/A	
	F2ii	108 110		7.0		N/A N/A	86		
	G FZII	110		7.0	46.5	N/A N/A	<u>86</u> <u>88</u> N/A	N/A 73	
	A	113	30.0		46.5		N/A	N/A	
	Bi	108	30.0			<u>78</u> 73	N/A	N/A	
	Bii	111	30.0			77	N/A	N/A	
	Biii	109	30.0			<u>77</u> 74	N/A	N/A	
	C	103	30.0		30.0	N/A	N/A	67	
	Di	121		45.0	50.0	N/A	83	N/A	
	Dii	116		45.0		N/A	83 78 75	N/A	
N12	E1	113		45.0		N/A	75	N/A	<u>83</u>
	E2	114		45.0		N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		45.0		N/A	70	N/A N/A	
	F2ii	110		45.0		N/A	70 72	N/A	
	G	111		70.0	30.0	N/A	N/A	77	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

NSR	Group of PME	SWL	Stage 1#	Stage 2#	Stage 3#	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Maximum Predicted Construction Noise
		440	Horizontal Distance, m	Horizontal Distance, m	Horizontal Distance, m	Stage 1, dB(A)	Stage 2, dB(A)	Stage 3, dB(A)	Level, dB(A)
	A Bi	113	30.0 30.0			<u>78</u> 73	N/A N/A	N/A N/A	
		108				73	N/A N/A	N/A N/A	
	Bii	111	30.0			<u>77</u> 74			
	Biii	109	30.0		00.0		N/A	N/A	
	C	102			30.0	N/A	N/A	67	
	Di Di	121		112.5		N/A	75 70	N/A	
N13	Dii	116		112.5		N/A	70	N/A	<u>78</u>
	E1	113		112.5		N/A	67	N/A	_
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		112.5		N/A	62	N/A	
	F2ii	110		112.5		N/A	64	N/A	
	G	111			30.0	N/A	N/A	77	
	A	113	22.5			<u>81</u> 76 79 76	N/A	N/A	
	Bi	108	22.5			<u>76</u>	N/A	N/A	
	Bii	111	22.5			<u>79</u>	N/A	N/A	
	Biii	109	22.5			<u>76</u>	N/A	N/A	
	С	102			22.5	N/A	N/A	70	
	Di	121				N/A	N/A	N/A	
N14	Dii	116				N/A	N/A	N/A	<u>81</u>
	E1	113				N/A	N/A	N/A	_
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			132.0	N/A	N/A	64	
	A	113	24.0			80 75	N/A	N/A	
	Bi	108	24.0			75	N/A	N/A	
	Bii	111	24.0			<u>79</u>	N/A	N/A	
	Biii	109	24.0			<u>79</u> <u>76</u> N/A	N/A	N/A	
	C	102			24.0		N/A	69	
	Di	121				N/A	N/A	N/A	
N15	Dii	116				N/A	N/A	N/A	<u>80</u>
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	1
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			143.5	N/A	N/A	63	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	A	113	24.5	Horizontal Distance, III	Horizontal Distance, III		N/A	N/A	Level, db(A)
	Bi	108	24.5			<u>80</u> 75	N/A	N/A	
	Bii	111	24.5				N/A	N/A	
	Biii	109	24.5			<u>79</u> <u>76</u>	N/A	N/A N/A	
	C	109	24.5		24.5	<u>76</u> N/A	N/A N/A	69	
	Di	102			24.5	N/A N/A	N/A N/A	N/A	
	Dii	116				N/A	N/A N/A	N/A N/A	
N16	E1	113				N/A	N/A	N/A N/A	<u>80</u>
	E2	114				N/A	N/A N/A	N/A N/A	
	F1i	109				N/A	N/A N/A	N/A N/A	
	F1ii	116				N/A	N/A N/A	N/A N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A N/A	N/A N/A	
	G FZII	111			239.5	N/A	N/A N/A	N/A 59	
	A	113	13.0		239.5	N/A 86	N/A N/A	N/A	
	Bi	108	13.0			86 81 84 81	N/A	N/A	
	Bii	111	13.0			<u>01</u> 04	N/A	N/A	
	Biii	109	13.0			94 81	N/A	N/A	
	C	103	13.0		13.0	<u>81</u> N/A	N/A	75	
	Di	121			13.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N17	E1	113				N/A	N/A	N/A	<u>86</u>
	E2	114				N/A	N/A	N/A N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			245.0	N/A	N/A	59	
	A	113	29.0		240.0		N/A	N/A	
	Bi	108	29.0			<u>79</u> 74	N/A	N/A	
	Bii	111	29.0			77	N/A	N/A	
	Biii	109	29.0			<u>77</u> 74	N/A	N/A	
	C	102	20.0		29.0	N/A	N/A	68	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N18	E1	113				N/A	N/A	N/A	<u>79</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			189.5	N/A	N/A	61	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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#	Stage 2#	Stage 3#	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Maximum Predicted Construction Noise
		113	Horizontal Distance, m 34.0	Horizontal Distance, m	Horizontal Distance, m	Stage 1, dB(A)	Stage 2, dB(A) N/A	Stage 3, dB(A) N/A	Level, dB(A)
	A Bi	108	34.0 34.0			<u>77</u> 72	N/A N/A	N/A N/A	
	Bii	111	34.0				N/A N/A	N/A N/A	
						<u>76</u> 73			
	Biii	109 102	34.0		34.0	N/A	N/A N/A	N/A 66	
	C Di	102			34.0	N/A N/A	N/A N/A	N/A	
	Dii	116				N/A N/A	N/A N/A	N/A N/A	
N19	E1	113				N/A	N/A N/A	N/A N/A	<u>77</u>
	E2	113				N/A	N/A N/A	N/A N/A	
	F1i	109				N/A	N/A	N/A N/A	
	F1ii	116				N/A	N/A N/A	N/A N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			185.0	N/A	N/A	61	
	A	113	36.0		103.0		N/A	N/A	
	Bi	108	36.0			<u>77</u> 72	N/A	N/A	
	Bii	111	36.0			75	N/A	N/A	
	Biii	109	36.0			72	N/A	N/A	
	C	102	30.0		36.0	N/A	N/A	66	
	Di	121			55.5	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N20	E1	113				N/A	N/A	N/A	<u>77</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			65.5	N/A	N/A	70	
	Α	113	16.5			84 78 82 79 N/A	N/A	N/A	
	Bi	108	16.5			<u>78</u>	N/A	N/A	
	Bii	111	16.5			<u>82</u>	N/A	N/A	
	Biii	109	16.5			<u>79</u>	N/A	N/A	
	С	102			16.5	N/A	N/A	73	
	Di	121				N/A	N/A	N/A	
N21	Dii	116				N/A	N/A	N/A	<u>84</u>
1421	E1	113				N/A	N/A	N/A	<u> </u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			16.5	N/A	N/A	<u>82</u>	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	13.0	Horizontal Distance, III	Horizontal Distance, III		N/A	N/A	Level, db(A)
	Bi	108	13.0			86 81 84 81	N/A	N/A	
	Bii	111	13.0			84	N/A	N/A	
	Biii	109	13.0			91	N/A	N/A	
	C	103	13.0		13.0	<u>01</u> N/A	N/A	75	
	Di	121			15.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N22	E1	113				N/A	N/A	N/A	<u>86</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			49.0	N/A	N/A	73	
	A	113	25.5		40.0		N/A	N/A	
	Bi	108	25.5			<u>80</u> 75	N/A	N/A	
	Bii	111	25.5				N/A	N/A	
	Biii	109	25.5			<u>78</u> 75	N/A	N/A	
	C	102	20.0		25.5	N/A	N/A	69	
	Di	121			20.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N23	E1	113				N/A	N/A	N/A	<u>80</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			138.5	N/A	N/A	64	
	A	113	19.5			82 77 81 78 N/A	N/A	N/A	
	Bi	108	19.5			77	N/A	N/A	
	Bii	111	19.5			81	N/A	N/A	
	Biii	109	19.5			78	N/A	N/A	
	С	102			19.5	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
N24	Dii	116				N/A	N/A	N/A	92
NZ4	E1	113				N/A	N/A	N/A	<u>82</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			127.0	N/A	N/A	64	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	20.0	Horizontal Distance, III	Horizontal Distance, III		N/A	N/A	Level, ub(A)
	Bi	108	20.0			82 77 80 78	N/A	N/A	
	Bii	111	20.0			80	N/A	N/A	
	Biii	109	20.0			78	N/A	N/A	
	C	102	20.0		20.0	N/A	N/A	71	
	Di	121			20.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N25	E1	113				N/A	N/A	N/A	<u>82</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			69.5	N/A	N/A	70	
	A	113	19.0			82	N/A	N/A	
	Bi	108	19.0			82 77 81 78	N/A	N/A	
	Bii	111	19.0			81	N/A	N/A	
	Biii	109	19.0			<u>78</u>	N/A	N/A	
	С	102			19.0	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
N26	Dii	116				N/A	N/A	N/A	92
INZ0	E1	113				N/A	N/A	N/A	<u>82</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			97.0	N/A	N/A	67	
	Α	113	50.0			74	N/A	N/A	
	Bi	108	50.0			69	N/A	N/A	
	Bii	111	50.0			72	N/A	N/A	
	Biii	109	50.0			70	N/A	N/A	
	С	102			50.0	N/A	N/A	63	
	Di	121				N/A	N/A	N/A	
N27	Dii	116				N/A	N/A	N/A	74
	E1	113				N/A	N/A	N/A	[
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	1
	F2ii	110				N/A	N/A	N/A	
	G	111			50.0	N/A	N/A	72	1

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	15.5	Horizontal Distance, III	nonzontai Distance, in		N/A	N/A	Level, ub(A)
	Bi	108	15.5			<u>84</u> 79 83 80	N/A	N/A	
	Bii	111	15.5			83	N/A	N/A	
	Biii	109	15.5			80	N/A	N/A	
	C	102	10.0		15.5	N/A	N/A	73	
	Di	121			10.0	N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N28	E1	113				N/A	N/A	N/A	<u>84</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			15.5	N/A	N/A	<u>83</u>	
	Α	113	38.0			<u>76</u>	N/A	N/A	
	Bi	108	38.0			<u>76</u> 71	N/A	N/A	
	Bii	111	38.0			75	N/A	N/A	
	Biii	109	38.0			72	N/A	N/A	
	С	102			38.0	N/A	N/A	65	
	Di	121				N/A	N/A	N/A	
N29	Dii	116				N/A	N/A	N/A	<u>76</u>
11/29	E1	113				N/A	N/A	N/A	<u>''</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			38.0	N/A	N/A	75	
	Α	113	23.5			<u>81</u> 75	N/A	N/A	
	Bi	108	23.5			75	N/A	N/A	
	Bii	111	23.5			<u>79</u> <u>76</u> N/A	N/A	N/A	
	Biii	109	23.5			<u>76</u>	N/A	N/A	
	С	102			23.5		N/A	70	
	Di	121				N/A	N/A	N/A	
N30	Dii	116				N/A	N/A	N/A	<u>81</u>
	E1	113				N/A	N/A	N/A	<u> </u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			23.5	N/A	N/A	<u>79</u>	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)
	A	113	31.5	Horizontal Distance, III	Horizontal Distance, III		N/A	N/A	Level, db(A)
	Bi	108	31.5			<u>78</u> 73	N/A	N/A	
	Bii	111	31.5				N/A	N/A N/A	
	Biii	109	31.5			<u>76</u> 74	N/A	N/A N/A	
	C	109	31.5		31.5	N/A	N/A N/A	67	
	Di	121			31.5	N/A	N/A	N/A	
	Dii	116				N/A	N/A N/A	N/A N/A	
N31	E1	113				N/A	N/A	N/A N/A	<u>78</u>
	E2	113				N/A	N/A N/A	N/A N/A	
	F1i	109				N/A	N/A	N/A N/A	
	F1ii	116				N/A	N/A N/A	N/A N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A N/A	N/A N/A	
	G FZII	111			31.5	N/A	N/A N/A	76	
	A	113	21.0		31.5		N/A N/A	N/A	
	Bi	108	21.0			8 <u>1</u> 7 <u>6</u> 8 <u>0</u> 77	N/A	N/A	
	Bii	111	21.0			70 90	N/A	N/A N/A	
	Biii	109	21.0			<u>60</u> 77	N/A	N/A	
	C	103	21.0		21.0	<u>//</u> N/A	N/A	71	
	Di	121		189.5	21.0	N/A	71	N/A	
	Dii	116		189.5		N/A	65	N/A	
N32	E1	113		169.5		N/A	N/A	N/A	<u>81</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		189.5		N/A	58	N/A	
	F1ii	116		189.5		N/A	65	N/A	
	F2i	108		109.5		N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			138.0	N/A	N/A	64	
	A	113	28.5		100.0		N/A	N/A	
	Bi	108	28.5			<u>79</u> 74	N/A	N/A	
	Bii	111	28.5			77	N/A	N/A	
	Biii	109	28.5			<u>77</u> 74	N/A	N/A	
	C	102	20.0		28.5	N/A	N/A	68	
	Di	121		105.5		N/A		N/A	
	Dii	116		105.5		N/A	<u>76</u> 70	N/A	
N33	E1	113				N/A	N/A	N/A	<u>79</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		105.5		N/A	63	N/A	
	F1ii	116		105.5		N/A	70	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			143.5	N/A	N/A	63	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	31.0			78	N/A	N/A	
	Bi	108	31.0			<u>78</u> 73	N/A	N/A	
	Bii	111	31.0			<u>77</u> 74	N/A	N/A	
	Biii	109	31.0			74	N/A	N/A	
	С	102			31.0	N/A	N/A	67	
	Di	121		100.5		N/A	<u>76</u> 71	N/A	
N34	Dii	116		100.5		N/A		N/A	70
1434	E1	113				N/A	N/A	N/A	<u>78</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		100.5		N/A	64	N/A	
	F1ii	116		100.5		N/A	71	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			100.5	N/A	N/A	66	
	Α	113	31.5			<u>78</u> 73	N/A	N/A	
	Bi	108	31.5				N/A	N/A	
	Bii	111	31.5			<u>76</u> 74	N/A	N/A	
	Biii	109	31.5				N/A	N/A	
	С	102			31.5	N/A	N/A	67	
	Di	121		55.5		N/A	<u>81</u> <u>76</u> N/A	N/A	
N35	Dii	116		55.5		N/A	<u>76</u>	N/A	<u>81</u>
1455	E1	113				N/A	N/A	N/A	<u>"</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		55.5		N/A	69	N/A	
	F1ii	116		55.5		N/A	<u>76</u>	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			55.5	N/A	N/A	72	
	Α	113	33.5			<u>77</u> 72	N/A	N/A	
	Bi	108	33.5				N/A	N/A	
	Bii	111	33.5			<u>76</u> 73	N/A	N/A	
	Biii	109	33.5			73	N/A	N/A	
	С	102			33.5	N/A	N/A	66	
	Di	121		33.5		N/A	<u>86</u> <u>80</u> N/A	N/A	1
N36	Dii	116		33.5		N/A	<u>80</u>	N/A	<u>86</u>
1400	E1	113				N/A	N/A	N/A	<u>~~</u>
	E2	114				N/A	N/A	N/A	1
	F1i	109		33.5		N/A	73	N/A	
	F1ii	116		33.5		N/A	<u>80</u> N/A	N/A	
	F2i	108				N/A		N/A	1
	F2ii	110				N/A	N/A	N/A	1
	G	111			33.5	N/A	N/A	<u>76</u>	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

NSR	Group of PME	SWL	Stage 1# Horizontal Distance, m	Stage 2# Horizontal Distance, m	Stage 3# Horizontal Distance, m	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Predicted Construction Noise Level*	Maximum Predicted Construction Noise
	Δ.	113	30.0	Horizontal Distance, m	Horizontal Distance, m	Stage 1, dB(A)	Stage 2, dB(A) N/A	Stage 3, dB(A) N/A	Level, dB(A)
	A Bi	108	30.0			<u>78</u> 73	N/A N/A	N/A N/A	
	Bii	111	30.0			75	N/A	N/A N/A	
	Biii		30.0			<u>77</u> 74	N/A N/A	N/A N/A	
	C	109 102	30.0		30.0	N/A	N/A N/A	67	
	Di	102		55.0	30.0	N/A N/A	IVA	N/A	
	Dii	116		55.0 55.0		N/A N/A	<u>81</u> <u>76</u> N/A	N/A N/A	
N37	E1	113		55.0		N/A	76 N/A	N/A N/A	<u>81</u>
	E2	114				N/A	N/A N/A	N/A N/A	
	F1i	109		55.0		N/A	IVA 60	N/A N/A	
	F1ii	116		55.0		N/A	69 <u>76</u> N/A	N/A N/A	
	F2i	108		55.0		N/A	70 N/A	N/A	
	F2ii	110				N/A	N/A N/A	N/A N/A	
	G FZII	111			55.0	N/A	N/A N/A	72	
	A	113	26.5		55.0		N/A N/A	N/A	
	Bi	108	26.5			<u>79</u> 74	N/A	N/A	
	Bii	111	26.5				N/A	N/A	
	Biii	109	26.5			<u>78</u> 75	N/A	N/A	
	C	103	20.3		26.5	N/A	N/A	69	
	Di	121		71.0	20.5	N/A	79	N/A	
	Dii	116		71.0		N/A	<u>79</u> 74	N/A	
N38	E1	113		71.0		N/A	N/A	N/A	<u>79</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		71.0		N/A	67	N/A	
	F1ii	116		71.0		N/A	74	N/A	
	F2i	108		7 1.0		N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			71.0	N/A	N/A	69	
	Α	113	12.5			86 81 85 82	N/A	N/A	
	Bi	108	12.5			<u>81</u>	N/A	N/A	
	Bii	111	12.5			<u>85</u>	N/A	N/A	
	Biii	109	12.5			<u>82</u>	N/A	N/A	
	С	102			12.5	N/A	N/A	75	
	Di	121				N/A	N/A	N/A	1
N39	Dii	116				N/A	N/A	N/A	20
1439	E1	113				N/A	N/A	N/A	<u>86</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	1
	G	111			192.0	N/A	N/A	61	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	22.0	nonzonai Distance, m	nonzonai Distance, in		N/A	N/A	Level, ab(A)
	Bi	108	22.0			8 <u>1</u> 7 <u>6</u> 8 <u>0</u> 77	N/A	N/A	
	Bii	111	22.0			80	N/A	N/A	
	Biii	109	22.0			77	N/A	N/A	
	C	102	22.0		22.0	N/A	N/A	70	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
N40	E1	113				N/A	N/A	N/A	<u>81</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			104.5	N/A	N/A	66	
	Α	113	17.0			83 78 82 79	N/A	N/A	
	Bi	108	17.0			<u>78</u>	N/A	N/A	
	Bii	111	17.0			<u>82</u>	N/A	N/A	
	Biii	109	17.0			<u>79</u>	N/A	N/A	
	С	102			17.0	N/A	N/A	72	
	Di	121		250.5		N/A	68	N/A	
N41	Dii	116		250.5		N/A	63	N/A	<u>83</u>
1141	E1	113				N/A	N/A	N/A	<u>83</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		250.5		N/A	56	N/A	
	F1ii	116		250.5		N/A	63	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			75.5	N/A	N/A	69	
	Α	113	19.5			82 77 81 78 N/A	N/A	N/A	
	Bi	108	19.5			<u>77</u>	N/A	N/A	
	Bii	111	19.5			<u>81</u>	N/A	N/A	
	Biii	109	19.5			<u>78</u>	N/A	N/A	
	С	102			19.5	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
N42	Dii	116				N/A	N/A	N/A	<u>82</u>
l <u>-</u>	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			106.5	N/A	N/A	66	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	48.0			74	N/A	N/A	
	Bi	108	48.0			69	N/A	N/A	
	Bii	111	48.0			73	N/A	N/A	
	Biii	109	48.0			70	N/A	N/A	
	С	102			48.0	N/A	N/A	63	
	Di	121		242.5		N/A	68	N/A	
N43	Dii	116		242.5		N/A	63	N/A	74
N43	E1	113				N/A	N/A	N/A	74
	E2	114				N/A	N/A	N/A	
	F1i	109		242.5		N/A	56	N/A	
	F1ii	116		242.5		N/A	63	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			48.0	N/A	N/A	73	
	A	113	31.0				N/A	N/A	
	Bi	108	31.0			<u>78</u> 73	N/A	N/A	
	Bii	111	31.0			77	N/A	N/A	
	Biii	109	31.0			<u>77</u> 74	N/A	N/A	
	C	102			31.0	N/A	N/A	67	
	Di	121		192.5	01.0	N/A	70	N/A	
	Dii	116		192.5		N/A	65	N/A	
N44	E1	113		102.0		N/A	N/A	N/A	<u>78</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		192.5		N/A	58	N/A	
	F1ii	116		192.5		N/A	65	N/A	
	F2i	108		192.5		N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			31.0	N/A	N/A	77	
	A	113	36.0		01.0		N/A	N/A	
	Bi	108	36.0			<u>77</u> 72	N/A	N/A	
	Bii	111	36.0			75	N/A	N/A	
	Biii	109	36.0			72	N/A	N/A	
	C	103	30.0		36.0	N/A	N/A	66	
	Di	121		148.5	30.0	N/A	73	N/A	1
I	Dii	116		148.5		N/A	68	N/A	
N45	E1	113		140.5		N/A	N/A	N/A N/A	<u>77</u>
	E2	113				N/A N/A	N/A N/A	N/A N/A	
	F1i	109		148.5		N/A N/A	60	N/A N/A	1
	F1ii	116		148.5		N/A N/A	67	N/A N/A	
	F1II F2i	108		140.5		N/A N/A	N/A	N/A N/A	
	F2i F2ii					N/A N/A		N/A N/A	
		110			20.0		N/A		1
	G	111			36.0	N/A	N/A	75	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	39.5	nonzontal Diotalico, in	nonzoman ziotanos, m		N/A	N/A	20101, 42(1)
	Bi	108	39.5			<u>76</u> 71	N/A	N/A	
	Bii	111	39.5			75	N/A	N/A	
	Biii	109	39.5			72	N/A	N/A	
	С	102			39.5	N/A	N/A	65	
	Di	121		107.5		N/A	75	N/A	
N46	Dii	116		107.5		N/A	70	N/A	
N46	E1	113				N/A	N/A	N/A	<u>76</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		107.5		N/A	63	N/A	
	F1ii	116		107.5		N/A	70	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			39.5	N/A	N/A	75	
	A	113	154.0			64	N/A	N/A	
	Bi	108	154.0			59	N/A	N/A	
	Bii	111	154.0			63	N/A	N/A	
	Biii	109	154.0			60	N/A	N/A	
	С	102			154.0	N/A	N/A	53	
	Di	121		170.0		N/A	71	N/A	
N47	Dii	116		170.0		N/A	66	N/A	71
1947	E1	113				N/A	N/A	N/A	71
	E2	114				N/A	N/A	N/A	
	F1i	109		170.0		N/A	59	N/A	
	F1ii	116		170.0		N/A	66	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			154.0	N/A	N/A	63	
	A	113	184.0			63	N/A	N/A	
	Bi	108	184.0			58	N/A	N/A	
	Bii	111	184.0			61	N/A	N/A	
	Biii	109	184.0			58	N/A	N/A	
	С	102			184.0	N/A	N/A	52	
	Di	121		197.0		N/A	70	N/A	
N48	Dii	116		197.0		N/A	65	N/A	70
1140	E1	113				N/A	N/A	N/A	70
	E2	114				N/A	N/A	N/A	
	F1i	109		197.0		N/A	58	N/A	
	F1ii	116		197.0		N/A	65	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
ĺ	G	111			270.0	N/A	N/A	58	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	39.0	nonzonai Distance, m	nonzonai Distance, in		N/A	N/A	Level, ab(A)
	Bi	108	39.0			<u>76</u> 71	N/A	N/A	
	Bii	111	39.0			75	N/A	N/A	
	Biii	109	39.0			72	N/A	N/A	
	C	102	30.0		39.0	N/A	N/A	65	
	Di	121		39.0	55.0	N/A	84	N/A	
	Dii	116		39.0		N/A	79	N/A	
N49	E1	113				N/A	<u>84</u> <u>79</u> N/A	N/A	<u>84</u>
	E2	114				N/A	N/A	N/A	
	F1i	109		39.0		N/A	72	N/A	
	F1ii	116		39.0		N/A	79	N/A	
	F2i	108				N/A	<u>79</u> N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111			134.0	N/A	N/A	64	
	Α	113	46.0			75	N/A	N/A	
	Bi	108	46.0			70	N/A	N/A	
	Bii	111	46.0			73	N/A	N/A	
	Biii	109	46.0			70	N/A	N/A	
	С	102			46.0	N/A	N/A	64	
	Di	121		46.0		N/A	<u>83</u>	N/A	
N50	Dii	116		46.0		N/A	<u>83</u> <u>78</u> N/A	N/A	<u>83</u>
INSU	E1	113				N/A	N/A	N/A	<u>83</u>
	E2	114		46.0		N/A	75	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		46.0		N/A	70	N/A	
	F2ii	110		46.0		N/A	72	N/A	
	G	111				N/A	N/A	N/A	
	Α	113	23.5			<u>81</u> 75	N/A	N/A	
	Bi	108	23.5			75	N/A	N/A	
	Bii	111	23.5			<u>79</u> <u>76</u> N/A	N/A	N/A	
	Biii	109	23.5			<u>76</u>	N/A	N/A	
	С	102			23.5		N/A	70	
	Di	121		23.5		N/A	<u>89</u>	N/A	
N51	Dii	116		23.5		N/A	<u>89</u> <u>84</u> N/A	N/A	<u>89</u>
	E1	113				N/A	N/A	N/A	
	E2	114		23.5		N/A	<u>81</u> N/A	N/A	
	F1i	109				N/A		N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		23.5		N/A	75	N/A	
	F2ii	110		23.5		N/A	<u>77</u> N/A	N/A	
	G	111				N/A	N/A	N/A	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	Α	113	35.5	Horizontal Distance, III	Horizontal Distance, III		N/A	N/A	Level, ub(A)
	Bi	108	35.5			<u>77</u> 72	N/A	N/A	
	Bii	111	35.5			75	N/A	N/A	
	Biii	109	35.5			73	N/A	N/A	
	C	102	00.0		35.5	N/A	N/A	66	
	Di	121		58.0	55.5	N/A	81	N/A	
	Dii	116		58.0		N/A	<u>81</u> <u>76</u> N/A	N/A	
N52	E1	113		33.0		N/A	N/A	N/A	<u>81</u>
	E2	114		58.0		N/A	73	N/A	
	F1i	109		33.0		N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		58.0		N/A	68	N/A	
	F2ii	110		58.0		N/A	70	N/A	
	G	111				N/A	N/A	N/A	
	A	113	41.5			76	N/A	N/A	
	Bi	108	41.5			<u>76</u> 70	N/A	N/A	
	Bii	111	41.5			74	N/A	N/A	
	Biii	109	41.5			71	N/A	N/A	
	С	102			41.5	N/A	N/A	65	
	Di	121		44.5		N/A	83	N/A	
NEO	Dii	116		44.5		N/A	<u>83</u> <u>78</u> N/A	N/A	
N53	E1	113				N/A	N/A	N/A	<u>83</u>
	E2	114		44.5		N/A	76	N/A	
	F1i	109				N/A	<u>76</u> N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		44.5		N/A	70	N/A	
	F2ii	110		44.5		N/A	72	N/A	
	G	111			213.5	N/A	N/A	60	
	Α	113	40.5			<u>76</u> 71	N/A	N/A	
	Bi	108	40.5			71	N/A	N/A	
	Bii	111	40.5			74	N/A	N/A	
	Biii	109	40.5			71	N/A	N/A	
	С	102			40.5	N/A	N/A	65	
	Di	121		40.5		N/A	<u>84</u> <u>79</u> N/A	N/A	
N54	Dii	116		40.5		N/A	<u>79</u>	N/A	<u>84</u>
1404	E1	113				N/A	N/A	N/A	<u> </u>
	E2	114		40.5		N/A	<u>76</u> N/A	N/A	
	F1i	109				N/A		N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108		40.5		N/A	71	N/A	
	F2ii	110		40.5		N/A	73	N/A	
	G	111			40.5	N/A	N/A	74	

Appendix 4.6 Predicted Construction Noise Level (Unmitigated)

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 PMEs 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.

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

#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)

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)
	A	113	17.0	nonzoniai ziotanos, in	Tierizemai Dietariee, III		N/A	N/A	2010., 42(1)
	Bi	108	17.0			78	N/A	N/A	
	Bii	111	17.0			82	N/A	N/A	
	Biii	109	17.0			83 78 82 79	N/A	N/A	
	C	102			17.0	<u></u> N/A	N/A	72	
	Di	121		17.0	_	N/A	91	N/A	
	Dii	116		17.0		N/A	86	N/A	
N55	E1	113				N/A	<u>91</u> <u>86</u> N/A	N/A	<u>91</u>
	E2	114		36.0		N/A	77 79 86 72	N/A	
	F1i	109		17.0		N/A	79	N/A	
	F1ii	116		17.0		N/A	86	N/A	
	F2i	108		36.0		N/A	72	N/A	
	F2ii	110		36.0		N/A	74	N/A	
	G	111			17.0	N/A	N/A	<u>82</u>	
	A	113				N/A	N/A	N/A	
	Bi	108				N/A	N/A	N/A	
	Bii	111				N/A	N/A	N/A	
	Biii	109				N/A	N/A	N/A	
	С	102				N/A	N/A	N/A	
	Di	121				N/A	N/A	N/A	
N56	Dii	116				N/A	N/A	N/A	N/A
ОСИ	E1	113				N/A	N/A	N/A	<u>N/A</u>
	E2	114				N/A	N/A	N/A	
	F1i	109				N/A	N/A	N/A	
	F1ii	116				N/A	N/A	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
	G	111				N/A	N/A	N/A	
	Α	113	159.5			64	N/A	N/A	
	Bi	108	159.5			59	N/A	N/A	
	Bii	111	159.5			62	N/A	N/A	
	Biii	109	159.5			59	N/A	N/A	
	С	102			159.5	N/A	N/A	53	
	Di	121		158.5		N/A	72	N/A	
N57	Dii	116		158.5		N/A	67	N/A	72
1407	E1	113				N/A	N/A	N/A	12
	E2	114				N/A	N/A	N/A	
	F1i	109		158.5		N/A	60	N/A	
ĺ	F1ii	116		158.5		N/A	67	N/A	
ĺ	F2i	108				N/A	N/A	N/A	
ĺ	F2ii	110				N/A	N/A	N/A	
	G	111				N/A	N/A	N/A	