

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 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:

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#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	113	229.5			61	N/A	N/A	61
	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	
	C	102			229.5	N/A	N/A	50	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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				N/A	N/A	N/A		
N02	A	113	285.5			59	N/A	N/A	59
	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				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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				N/A	N/A	N/A		
N03	A	113	46.5			75	N/A	N/A	75
	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	
	C	102			46.5	N/A	N/A	64	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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		

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#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	113	53.0			73	N/A	N/A	73
	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	
	C	102			53.0	N/A	N/A	63	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			54.0	N/A	N/A	72		
N05	A	113	32.5			78	N/A	N/A	78
	Bi	108	32.5			73	N/A	N/A	
	Bii	111	32.5			76	N/A	N/A	
	Biii	109	32.5			73	N/A	N/A	
	C	102			32.5	N/A	N/A	67	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			68.0	N/A	N/A	70		
N06	A	113	7.5			90	N/A	N/A	90
	Bi	108	7.5			85	N/A	N/A	
	Bii	111	7.5			89	N/A	N/A	
	Biii	109	7.5			86	N/A	N/A	
	C	102			7.5	N/A	N/A	79	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			231.5	N/A	N/A	59		

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#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	113	27.0			<u>79</u>	N/A	N/A	<u>79</u>
	Bi	108	27.0			74	N/A	N/A	
	Bii	111	27.0			<u>78</u>	N/A	N/A	
	Biii	109	27.0			75	N/A	N/A	
	C	102			27.0	N/A	N/A	68	
	Di	121		212.5		N/A	70	N/A	
	Dii	116		212.5		N/A	64	N/A	
	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		
N08	A	113	32.0			<u>78</u>	N/A	N/A	<u>78</u>
	Bi	108	32.0			73	N/A	N/A	
	Bii	111	32.0			<u>76</u>	N/A	N/A	
	Biii	109	32.0			73	N/A	N/A	
	C	102			32.0	N/A	N/A	67	
	Di	121		169.5		N/A	71	N/A	
	Dii	116		169.5		N/A	66	N/A	
	E1	113		169.5		N/A	63	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		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		
N09a	A	113	18.5			<u>83</u>	N/A	N/A	<u>84</u>
	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	
	C	102			18.5	N/A	N/A	72	
	Di	121		40.0		N/A	<u>84</u>	N/A	
	Dii	116		40.0		N/A	<u>79</u>	N/A	
	E1	113		40.0		N/A	<u>76</u>	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		40.0		N/A	71	N/A	
	F2ii	110		40.0		N/A	73	N/A	
G	111			18.5	N/A	N/A	<u>81</u>		

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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	113	83.5			70	N/A	N/A	<u>78</u>
	Bi	108	83.5			64	N/A	N/A	
	Bii	111	83.5			68	N/A	N/A	
	Biii	109	83.5			65	N/A	N/A	
	C	102			83.5	N/A	N/A	59	
	Di	121		83.5		N/A	<u>78</u>	N/A	
	Dii	116		83.5		N/A	73	N/A	
	E1	113		83.5		N/A	69	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			209.5	N/A	56	N/A	
	F2ii	110			209.5	N/A	58	N/A	
G	111				N/A	N/A	60		
N11	A	113	7.0			<u>91</u>	N/A	N/A	<u>99</u>
	Bi	108	7.0			<u>86</u>	N/A	N/A	
	Bii	111	7.0			<u>90</u>	N/A	N/A	
	Biii	109	7.0			<u>87</u>	N/A	N/A	
	C	102			7.0	N/A	N/A	<u>90</u>	
	Di	121		7.0		N/A	<u>99</u>	N/A	
	Dii	116		7.0		N/A	<u>94</u>	N/A	
	E1	113		7.0		N/A	<u>91</u>	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			7.0	N/A	<u>86</u>	N/A	
	F2ii	110			7.0	N/A	<u>88</u>	N/A	
G	111				N/A	N/A	73		
N12	A	113	30.0			<u>78</u>	N/A	N/A	<u>83</u>
	Bi	108	30.0			73	N/A	N/A	
	Bii	111	30.0			<u>77</u>	N/A	N/A	
	Biii	109	30.0			74	N/A	N/A	
	C	102			30.0	N/A	N/A	67	
	Di	121		45.0		N/A	<u>83</u>	N/A	
	Dii	116		45.0		N/A	<u>78</u>	N/A	
	E1	113		45.0		N/A	75	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			45.0	N/A	70	N/A	
	F2ii	110			45.0	N/A	72	N/A	
G	111				N/A	N/A	<u>77</u>		

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N13	A	113	30.0			<u>78</u>	N/A	N/A	<u>78</u>
	Bi	108	30.0			73	N/A	N/A	
	Bii	111	30.0			<u>77</u>	N/A	N/A	
	Biii	109	30.0			74	N/A	N/A	
	C	102			30.0	N/A	N/A	67	
	Di	121		112.5		N/A	75	N/A	
	Dii	116		112.5		N/A	70	N/A	
	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	<u>77</u>		
N14	A	113	22.5			<u>81</u>	N/A	N/A	<u>81</u>
	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	
	C	102			22.5	N/A	N/A	70	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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		
N15	A	113	24.0			<u>80</u>	N/A	N/A	<u>80</u>
	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>76</u>	N/A	N/A	
	C	102			24.0	N/A	N/A	69	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			143.5	N/A	N/A	63		

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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	113	24.5			<u>80</u>	N/A	N/A	<u>80</u>
	Bi	108	24.5			75	N/A	N/A	
	Bii	111	24.5			<u>79</u>	N/A	N/A	
	Biii	109	24.5			<u>76</u>	N/A	N/A	
	C	102			24.5	N/A	N/A	69	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			239.5	N/A	N/A	59		
N17	A	113	13.0			<u>86</u>	N/A	N/A	<u>86</u>
	Bi	108	13.0			<u>81</u>	N/A	N/A	
	Bii	111	13.0			<u>84</u>	N/A	N/A	
	Biii	109	13.0			<u>81</u>	N/A	N/A	
	C	102			13.0	N/A	N/A	75	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			245.0	N/A	N/A	59		
N18	A	113	29.0			<u>79</u>	N/A	N/A	<u>79</u>
	Bi	108	29.0			74	N/A	N/A	
	Bii	111	29.0			<u>77</u>	N/A	N/A	
	Biii	109	29.0			74	N/A	N/A	
	C	102			29.0	N/A	N/A	68	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			189.5	N/A	N/A	61		

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Remarks:

(*) 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)
N19	A	113	34.0			<u>77</u>	N/A	N/A	<u>77</u>
	Bi	108	34.0			72	N/A	N/A	
	Bii	111	34.0			76	N/A	N/A	
	Biii	109	34.0			73	N/A	N/A	
	C	102			34.0	N/A	N/A	66	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			185.0	N/A	N/A	61		
N20	A	113	36.0			<u>77</u>	N/A	N/A	<u>77</u>
	Bi	108	36.0			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			36.0	N/A	N/A	66	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			65.5	N/A	N/A	70		
N21	A	113	16.5			84	N/A	N/A	<u>84</u>
	Bi	108	16.5			78	N/A	N/A	
	Bii	111	16.5			82	N/A	N/A	
	Biii	109	16.5			79	N/A	N/A	
	C	102			16.5	N/A	N/A	73	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			16.5	N/A	N/A	82		

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 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.

#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	113	13.0			<u>86</u>	N/A	N/A	<u>86</u>
	Bi	108	13.0			<u>81</u>	N/A	N/A	
	Bii	111	13.0			<u>84</u>	N/A	N/A	
	Biii	109	13.0			<u>81</u>	N/A	N/A	
	C	102			13.0	N/A	N/A	75	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			49.0	N/A	N/A	73		
N23	A	113	25.5			<u>80</u>	N/A	N/A	<u>80</u>
	Bi	108	25.5			75	N/A	N/A	
	Bii	111	25.5			<u>78</u>	N/A	N/A	
	Biii	109	25.5			75	N/A	N/A	
	C	102			25.5	N/A	N/A	69	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			138.5	N/A	N/A	64		
N24	A	113	19.5			<u>82</u>	N/A	N/A	<u>82</u>
	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	
	C	102			19.5	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			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.

Remarks:

(*) 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)
N25	A	113	20.0			<u>82</u>	N/A	N/A	<u>82</u>
	Bi	108	20.0			<u>77</u>	N/A	N/A	
	Bii	111	20.0			<u>80</u>	N/A	N/A	
	Biii	109	20.0			<u>78</u>	N/A	N/A	
	C	102			20.0	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			69.5	N/A	N/A	70		
N26	A	113	19.0			<u>82</u>	N/A	N/A	<u>82</u>
	Bi	108	19.0			<u>77</u>	N/A	N/A	
	Bii	111	19.0			<u>81</u>	N/A	N/A	
	Biii	109	19.0			<u>78</u>	N/A	N/A	
	C	102			19.0	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			97.0	N/A	N/A	67		
N27	A	113	50.0			74	N/A	N/A	74
	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	
	C	102			50.0	N/A	N/A	63	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			50.0	N/A	N/A	72		

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 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.

#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	113	15.5			<u>84</u>	N/A	N/A	<u>84</u>
	Bi	108	15.5			<u>79</u>	N/A	N/A	
	Bii	111	15.5			<u>83</u>	N/A	N/A	
	Biii	109	15.5			<u>80</u>	N/A	N/A	
	C	102			15.5	N/A	N/A	73	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			15.5	N/A	N/A	<u>83</u>		
N29	A	113	38.0			<u>76</u>	N/A	N/A	<u>76</u>
	Bi	108	38.0			71	N/A	N/A	
	Bii	111	38.0			75	N/A	N/A	
	Biii	109	38.0			72	N/A	N/A	
	C	102			38.0	N/A	N/A	65	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			38.0	N/A	N/A	75		
N30	A	113	23.5			<u>81</u>	N/A	N/A	<u>81</u>
	Bi	108	23.5			75	N/A	N/A	
	Bii	111	23.5			<u>79</u>	N/A	N/A	
	Biii	109	23.5			<u>76</u>	N/A	N/A	
	C	102			23.5	N/A	N/A	70	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			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 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.

#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	113	31.5			<u>78</u>	N/A	N/A	<u>78</u>
	Bi	108	31.5			73	N/A	N/A	
	Bii	111	31.5			<u>76</u>	N/A	N/A	
	Biii	109	31.5			74	N/A	N/A	
	C	102			31.5	N/A	N/A	67	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			31.5	N/A	N/A	<u>76</u>		
N32	A	113	21.0			<u>81</u>	N/A	N/A	<u>81</u>
	Bi	108	21.0			<u>76</u>	N/A	N/A	
	Bii	111	21.0			<u>80</u>	N/A	N/A	
	Biii	109	21.0			<u>77</u>	N/A	N/A	
	C	102			21.0	N/A	N/A	71	
	Di	121		189.5		N/A	71	N/A	
	Dii	116		189.5		N/A	65	N/A	
	E1	113				N/A	N/A	N/A	
	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				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
G	111			138.0	N/A	N/A	64		
N33	A	113	28.5			<u>79</u>	N/A	N/A	<u>79</u>
	Bi	108	28.5			74	N/A	N/A	
	Bii	111	28.5			<u>77</u>	N/A	N/A	
	Biii	109	28.5			74	N/A	N/A	
	C	102			28.5	N/A	N/A	68	
	Di	121		105.5		N/A	<u>76</u>	N/A	
	Dii	116		105.5		N/A	70	N/A	
	E1	113				N/A	N/A	N/A	
	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 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.

#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	113	31.0			<u>78</u>	N/A	N/A	<u>78</u>
	Bi	108	31.0			73	N/A	N/A	
	Bii	111	31.0			<u>77</u>	N/A	N/A	
	Biii	109	31.0			74	N/A	N/A	
	C	102			31.0	N/A	N/A	67	
	Di	121		100.5		N/A	<u>76</u>	N/A	
	Dii	116		100.5		N/A	71	N/A	
	E1	113				N/A	N/A	N/A	
	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		
N35	A	113	31.5			<u>78</u>	N/A	N/A	<u>81</u>
	Bi	108	31.5			73	N/A	N/A	
	Bii	111	31.5			<u>76</u>	N/A	N/A	
	Biii	109	31.5			74	N/A	N/A	
	C	102			31.5	N/A	N/A	67	
	Di	121		55.5		N/A	<u>81</u>	N/A	
	Dii	116		55.5		N/A	<u>76</u>	N/A	
	E1	113				N/A	N/A	N/A	
	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		
N36	A	113	33.5			<u>77</u>	N/A	N/A	<u>86</u>
	Bi	108	33.5			72	N/A	N/A	
	Bii	111	33.5			<u>76</u>	N/A	N/A	
	Biii	109	33.5			73	N/A	N/A	
	C	102			33.5	N/A	N/A	66	
	Di	121		33.5		N/A	<u>86</u>	N/A	
	Dii	116		33.5		N/A	<u>80</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109			33.5	N/A	73	N/A	
	F1ii	116		33.5		N/A	<u>80</u>	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
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 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.

#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	113	30.0			<u>78</u>	N/A	N/A	<u>81</u>
	Bi	108	30.0			73	N/A	N/A	
	Bii	111	30.0			<u>77</u>	N/A	N/A	
	Biii	109	30.0			74	N/A	N/A	
	C	102			30.0	N/A	N/A	67	
	Di	121		55.0		N/A	<u>81</u>	N/A	
	Dii	116		55.0		N/A	<u>76</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109		55.0		N/A	69	N/A	
	F1ii	116		55.0		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			55.0	N/A	N/A	72		
N38	A	113	26.5			<u>79</u>	N/A	N/A	<u>79</u>
	Bi	108	26.5			74	N/A	N/A	
	Bii	111	26.5			<u>78</u>	N/A	N/A	
	Biii	109	26.5			75	N/A	N/A	
	C	102			26.5	N/A	N/A	69	
	Di	121		71.0		N/A	<u>79</u>	N/A	
	Dii	116		71.0		N/A	74	N/A	
	E1	113				N/A	N/A	N/A	
	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				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
G	111			71.0	N/A	N/A	69		
N39	A	113	12.5			<u>86</u>	N/A	N/A	<u>86</u>
	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	
	C	102			12.5	N/A	N/A	75	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			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 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.

#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	113	22.0			<u>81</u>	N/A	N/A	<u>81</u>
	Bi	108	22.0			<u>76</u>	N/A	N/A	
	Bii	111	22.0			<u>80</u>	N/A	N/A	
	Biii	109	22.0			<u>77</u>	N/A	N/A	
	C	102			22.0	N/A	N/A	70	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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			104.5	N/A	N/A	66		
N41	A	113	17.0			<u>83</u>	N/A	N/A	<u>83</u>
	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	
	C	102			17.0	N/A	N/A	72	
	Di	121		250.5		N/A	68	N/A	
	Dii	116		250.5		N/A	63	N/A	
	E1	113				N/A	N/A	N/A	
	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		
N42	A	113	19.5			<u>82</u>	N/A	N/A	<u>82</u>
	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	
	C	102			19.5	N/A	N/A	71	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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 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.

#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	113	48.0			74	N/A	N/A	74
	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	
	C	102			48.0	N/A	N/A	63	
	Di	121		242.5		N/A	68	N/A	
	Dii	116		242.5		N/A	63	N/A	
	E1	113				N/A	N/A	N/A	
	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		
N44	A	113	31.0			<u>78</u>	N/A	N/A	<u>78</u>
	Bi	108	31.0			73	N/A	N/A	
	Bii	111	31.0			<u>77</u>	N/A	N/A	
	Biii	109	31.0			74	N/A	N/A	
	C	102			31.0	N/A	N/A	67	
	Di	121		192.5		N/A	70	N/A	
	Dii	116		192.5		N/A	65	N/A	
	E1	113				N/A	N/A	N/A	
	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				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
G	111			31.0	N/A	N/A	<u>77</u>		
N45	A	113	36.0			<u>77</u>	N/A	N/A	<u>77</u>
	Bi	108	36.0			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			36.0	N/A	N/A	66	
	Di	121		148.5		N/A	73	N/A	
	Dii	116		148.5		N/A	68	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109			148.5	N/A	60	N/A	
	F1ii	116		148.5		N/A	67	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
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 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.

#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	113	39.5			<u>76</u>	N/A	N/A	<u>76</u>
	Bi	108	39.5			71	N/A	N/A	
	Bii	111	39.5			75	N/A	N/A	
	Biii	109	39.5			72	N/A	N/A	
	C	102			39.5	N/A	N/A	65	
	Di	121		107.5		N/A	75	N/A	
	Dii	116		107.5		N/A	70	N/A	
	E1	113				N/A	N/A	N/A	
	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		
N47	A	113	154.0			64	N/A	N/A	71
	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	
	C	102			154.0	N/A	N/A	53	
	Di	121		170.0		N/A	71	N/A	
	Dii	116		170.0		N/A	66	N/A	
	E1	113				N/A	N/A	N/A	
	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		
N48	A	113	184.0			63	N/A	N/A	70
	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	
	C	102			184.0	N/A	N/A	52	
	Di	121		197.0		N/A	70	N/A	
	Dii	116		197.0		N/A	65	N/A	
	E1	113				N/A	N/A	N/A	
	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	
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 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.

#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	113	39.0			<u>76</u>	N/A	N/A	<u>84</u>
	Bi	108	39.0			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			39.0	N/A	N/A	65	
	Di	121		39.0		N/A	<u>84</u>	N/A	
	Dii	116		39.0		N/A	<u>79</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109		39.0		N/A	N/A	N/A	
	F1ii	116		39.0		N/A	<u>79</u>	N/A	
	F2i	108				N/A	N/A	N/A	
	F2ii	110				N/A	N/A	N/A	
G	111			134.0	N/A	N/A	64		
N50	A	113	46.0			75	N/A	N/A	<u>83</u>
	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	
	C	102			46.0	N/A	N/A	64	
	Di	121		46.0		N/A	<u>83</u>	N/A	
	Dii	116		46.0		N/A	<u>78</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	75	N/A	
	F1i	109		46.0		N/A	N/A	N/A	
	F1ii	116		46.0		N/A	N/A	N/A	
	F2i	108			46.0	N/A	N/A	70	
	F2ii	110			46.0	N/A	72	N/A	
G	111				N/A	N/A	N/A		
N51	A	113	23.5			<u>81</u>	N/A	N/A	<u>89</u>
	Bi	108	23.5			75	N/A	N/A	
	Bii	111	23.5			<u>79</u>	N/A	N/A	
	Biii	109	23.5			<u>76</u>	N/A	N/A	
	C	102			23.5	N/A	N/A	70	
	Di	121		23.5		N/A	<u>89</u>	N/A	
	Dii	116		23.5		N/A	<u>84</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114			23.5	N/A	<u>81</u>	N/A	
	F1i	109		23.5		N/A	N/A	N/A	
	F1ii	116		23.5		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	
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 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.

#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	113	35.5			<u>77</u>	N/A	N/A	<u>81</u>
	Bi	108	35.5			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			35.5	N/A	N/A	66	
	Di	121		58.0		N/A	<u>81</u>	N/A	
	Dii	116		58.0		N/A	<u>76</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114		58.0		N/A	73	N/A	
	F1i	109				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		
N53	A	113	41.5			<u>76</u>	N/A	N/A	<u>83</u>
	Bi	108	41.5			70	N/A	N/A	
	Bii	111	41.5			74	N/A	N/A	
	Biii	109	41.5			71	N/A	N/A	
	C	102			41.5	N/A	N/A	65	
	Di	121		44.5		N/A	<u>83</u>	N/A	
	Dii	116		44.5		N/A	<u>78</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114		44.5		N/A	<u>76</u>	N/A	
	F1i	109				N/A	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		
N54	A	113	40.5			<u>76</u>	N/A	N/A	<u>84</u>
	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	
	C	102			40.5	N/A	N/A	65	
	Di	121		40.5		N/A	<u>84</u>	N/A	
	Dii	116		40.5		N/A	<u>79</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114		40.5		N/A	<u>76</u>	N/A	
	F1i	109				N/A	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.

Remarks:

(*) 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)
N55	A	113	17.0			<u>83</u>	N/A	N/A	<u>91</u>
	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	
	C	102			17.0	N/A	N/A	72	
	Di	121		17.0		N/A	<u>91</u>	N/A	
	Dii	116		17.0		N/A	<u>86</u>	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114		36.0		N/A	<u>77</u>	N/A	
	F1i	109		17.0		N/A	<u>79</u>	N/A	
	F1ii	116		17.0		N/A	<u>86</u>	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>		
N56	A	113				N/A	N/A	N/A	<u>N/A</u>
	Bi	108				N/A	N/A	N/A	
	Bii	111				N/A	N/A	N/A	
	Biii	109				N/A	N/A	N/A	
	C	102				N/A	N/A	N/A	
	Di	121				N/A	N/A	N/A	
	Dii	116				N/A	N/A	N/A	
	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				N/A	N/A	N/A		
N57	A	113	159.5			64	N/A	N/A	72
	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	
	C	102			159.5	N/A	N/A	53	
	Di	121		158.5		N/A	72	N/A	
	Dii	116		158.5		N/A	67	N/A	
	E1	113				N/A	N/A	N/A	
	E2	114				N/A	N/A	N/A	
	F1i	109		158.5		N/A	60	N/A	
	F1ii	116		158.5		N/A	67	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		