NAP ID: IPS Assessment Floor: G/F Floor Height (mPD): 5.2

| Companie | Milingation | Missayana | La | for | FS | Jan | 2024 | 1 or | 2024 | 1 or | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024 | 2024

Remark: The group with higher SWL has been adopted for noise assessment for conservative approach.

Further Noise Mitigation Measure (1b) for IPS (Jan 2024 - Jun 2024 : During site clearance between Jan 2024 - Jun 2024, only 1 electric chain s	w can be opera	ted in the vici	nity of IPS an	the operation	n of electric cl	hain saw and g	enerator sho	ould mainatin at leas	10m from the I	PS if the cla	assrooms rely o	on opened	d windows for	ventilation.															
		Activity		Hori	Mort	Class	Distance	Screening Fac	de 2023			2024			2025		2026			2027		2028			2029		7	2030	7
Activity Name	Work Zone	Index	SWL, dB(A)	Distance, m	Distance, m	Distance, m	Correction, dB(A)	Correction, Corre dB(A) dB	tion, A) SON	D J F	: м а м :	1 1 A	S 0 N D	J F M A	M J J A S O N	0 1 5 1	A A M 1 1 A	S O N D	J F M A M	1 1 A S O N	D J F M	A M 1 1	A S O N	D J F M	A M J J	A S O N	D J F M A	M 1 1 A	S O N
Demolition & Site Clearance																							7	7			T		
Site Clearance of WS3.5	WS3.5	PG-2	104	224	0	224	-55			52	2 52 52 52																		
Viaducts between TUM & A16																													
Site Clearance of WS 2.1, 2.3, 2.4, 2.4a, 2.4b, 2.5, 3.1, 3.2, 3.4, 3.6, 4.2a (1 nos. of electric chain saw)	W1	W1-1	95	10	0	10	-28			70 70	0 70 70 70 7	70		1							1		1	1			1	1	1
						F	redicted Nois	e Level, Leg (30mins),	IB(A)	70 70	0 70 70 70 7	70																	

ther Noise Mitigation Measure (2) for IPS (Nov 2024 - Feb 2025): If three drill rigs operate in Zone Z2a.1 at ti	he same time, two of them should maintain at le	east 34m from IF	S if the class	srooms rely o	in opened wi	ndows for ven	ntilation.																							
		0.40.00.		Head	Marit	Slant	Distance	Screening F	açade	2023		2024			2025			2026			2027			2028			2029		7	2030
Activity Name	Work Zone	Activity	SWL, dB(A)	Distance, m	Distance, m	Distance, m	Correction dB(A)	n, Correction, Cor dB(A)	rrection, dB(A)	0 N D	1 F M A	M J J A	A S O N	D J F M	A M J J	A S O	O N D J F M A	M 1 1 A	S O N D	J F M A	м л л .	A S O N	D J F M	A M 1 1	A S O N) F M	M J J	A S O N	D 1 F M A	M J J A S O N
Zone 2a.1																													7	
Construction of temporary platform (Drill Rig No.1)	Z2a.1	Z2a-1	98	23	0	23	-35		3				66	66 66 66																
Construction of temporary platform (Drill Rig No.2 &3)	Z2a.1	Z2a-1	102	34	0	34	-39		3				66	66 66 66																
Zone 2a.2																														
Construction of temporary platform	Z2a.2	Z2a-1	103	50	0	50	-42		3				64	64 64 64																
Zone 1																														
Zone 1-North.1																														
Construction of temporary platform	Z1-N.1	Z1-N-1	101	139	0	139	-51		3				53	53 53 53																
Piling Works	Z1-N.1	Z1-N-2	103	139	0	139	-51		3					55																
Zone 1-North.2																														
Construction of temporary platform	Z1-N.2	Z1-N-1	101	221	0	221	-55		3				49	49 49 49	- 1				1	1	1	1	1	- 1	1		1	1	1	1 1
Piling Works	Z1-N.2	Z1-N-2	103	221	0	221	-55		3					51																
							Predicted No	oise Level, Leg (30min	is), dB(A)				70	70 70 70															T	

Further Noise Mitigation Measures (3) for IPS (Mar 2025 - Aug 2025): Piling works in Zone ZZa.1 should maintain at least 27m from IPS if the classrooms rely on opened windows for ventilation.

		Activity		Hori.	Vert.	Slant	Distance	Screening Façad			2024		2025	5		2026			2027			2028			2029		2030
Activity Name	Work Zone	Index	SWL, dB(A)	Distance, m	Distance, m	Distance, m	Correction, dB(A)	Correction, Correcti dB(A) dB(A		D J F M	A M 1 1 .	A S O N	DJFMAMJJ	J A S	0 N D J F M A	M 1 1 A	S 0 N D	J F M A	M 1 1 A	A S O N	D J F M	A M 1 1 A	S O N D	J F M A	м 1 1 4	5 0 N D	J F M A M J J A S O N D
Zone 2a.1																											
Piling Works	Z2a.1	Z2a-2	103	27	0	27	-37	3					69 69 69 69 69	9 69													
Zone 2a.2																											
Piling Works	Z2a.2	Z2a-2	103	50	0	50	-42	3					64 64 64 64 64	4 64													
Construction of temporary bridge	WS3.3	Z2a-6	100	98	0	98	-48	3						55													
Zone 1																											
Zone 1-North.1																											
Construction of temporary platform	Z1-N.1	Z1-N-1	101	139	0	139	-51	3					53														
Piling Works	Z1-N.1	Z1-N-2	103	139	0	139	-51	3					55 55 55														
Construction of pile caps	Z1-N.1	Z1-N-3	99	139	0	139	-51	3					51	1 51													
Zone 1-North-2																											
Construction of temporary platform	Z1-N.2	Z1-N-1	101	221	0	221	-55	3					49														
Piling Works	Z1-N.2	Z1-N-2	103	221	0	221	-55	3					51 51 51														
Construction of pile caps	Z1-N.2	Z1-N-3	99	221	0	221	-55	3						7 47													
							Predicted Noi:	se Level, Leq (30mins), di	8(A)				70 70 70 70 70	70 70													

NAP ID: OL1 Assessment Floor: 1/F Floor Height (mPD): 9.2

er Noise Mitigation Measure (1a) for OL1 (Jan 2024 - Jun 2024 & Oct 2029 - Mar 2030): During site clearance between Jan 2024 - Jun 2024 and site reinstatement between Oct 2029 - Mar 2030. if 1 nos. dump truck /mobile crane need to be operated very close to OL1, the other one should mainatin at least 12m setback from OL1.

		Activity		Hori	Vert.	Slant	Distance	Screening	Façade	2023		2024			2025		2026		2027			2028			2029			2030
Activity Name	Work Zone	Index	SWL, dB(A)	Distance, m	Distance, m	Distance, m	Correction, dB(A)	Correction, Co dB(A)	orrection, dB(A)	0 N D	J F M A	M J J A S	S O N D J	F M A	M J J A S O N D	J F M A	M J J A S O N	1 F M A	M 1 1 A	S O N D J	F M A	M 1 1 A	S O N D	J F M A	M 1 1 A	S O N D	J F M A	M J J A S O N I
Demolition & Site Clearance																												
Demolition of Pet Garden and Hoi Wong Road Garden	PG	PG-1	110	199	0	199	-54		3		59 59 59 59	59 59																
Site Clearance of WS3.5	WS3.5	PG-2	104	70	0	70	-45		3		62 62 62	62																
Viaducts between TUM & A16																												
Site Clearance of WS 2.1, 2.3, 2.4, 2.4a, 2.4b, 2.5, 3.1, 3.2, 3.4, 3.6, 4.2a (1 nos. dump truck / mobile crane near OL1)	W1	W1-1	95	7	0	7	-25		3		73 73 73 73	73 73																
Site Clearance of WS 2.1, 2.3, 2.4, 2.4a, 2.4b, 2.5, 3.1, 3.2, 3.4, 3.6, 4.2a (1 nos. dump truck / mobile crane maintain at least 12m from OL1)	W1	W1-1	95	12	0	12	-30		3		68 68 68 68	68 68																
Reinstatement of WS 2.1, 2.3, 2.4, 2.4a, 2.4b, 2.5, 3.1, 3.2, 3.4, 3.6, 4.2a (1 nos. dump truck / mobile crane near OL1)	W1	W1-2	95	7	0	7	-25		3																	73 73 73	73 73 73	
Reinstatement of WS 2.1, 2.3, 2.4, 2.4a, 2.4b, 2.5, 3.1, 3.2, 3.4, 3.6, 4.2a (1 nos. dump truck / mobile crane maintain at least 12m from OL1)	W1	W1-2	95	12	0	12	-30		3																	68 68 68	68 68 68	
A16 Northern (GL10-22)					1																							
A16 Northern																												
Piling Works	A16N	A16N-3	109	289	0	289	-57		3			55																
		•			•	•	Predicted Noi	se Level, Leq (30mi	ins), dB(A)		74 75 75 75	75 74														74 74 74	74 74 74	

		Activity		Hori.	Vert.	Slant	Distance	Screening	Façade	2023		202	4		2025			2026			2027			2028			2029			2030	
Activity Name	Work Zone	Index	SWL, dB(A)	Distance, m		Distance, m	Correction, dB(A)	Correction, dB(A)	Correction, dB(A)	S O N D	J F M	A M J	J A S O N D	J F M J	M 1 1	A S O N	D J F M	A M 1 1	A S O N	D J F M	A M 1 1 .	A S O N	D J F M	A M J J	A S O N	D J F M	M J J	A S O N	D 1 F M	M 1 1 A	S O N 0
Demolition & Site Clearance																															
Demolition of Pet Garden and Hoi Wong Road Garden	PG	PG-1	110	199	0	199	-54		3		59 59 59																				1
Site Clearance of WS3.5	WS3.5	PG-2	104	70	0	70	-45		3		62 62	62 62																			1
Viaducts between TUM & A16																															1
Site Clearance of WS 2.1, 2.3, 2.4, 2.4a, 2.4b, 2.5, 3.1, 3.2, 3.4, 3.6, 4.2a (1 nos. of electric chain saw)	W1	W1-1	95	7	0	7	-25		3		73 73 73	73 73 73																			1
A16 Northern (GL10-22)																															1
A16 Northern																															1
Piling Works	A16N	A16N-3	109	289	0	289	-57		3			55																			1
1							Predicted Noi	ise Level, Leq (30:	mins), dB(A)		73 73 73	73 73 73																			

NAP ID: WT0b Assessment Floor: G/F Floor Height (mPD): 6.6

Further Noise Mitigation Measure (1) for WT05 (Apr 2024 - May 2024). Use of breaker for Realignment of We King Road (West) and Removal of central medias write. at Tone With should not be carried out within 57m and 38m, respectively, from WT05 and piling works at Tone CRO should not be carried out within 65m from WT05 when courses are being held inside the training contrast and the dissonours rely on opened windows for ventilation.

Activity Name

Work Zone

Work Zone NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts) Civil Construction & Architectural Buildine Works Finishes
Standard Viaduct between Tuen Mun River Bridge & Crossover
Construction of Viaducts between TRB & Crossover
Piling works 57 57 57 57 V3 V3-5 160 -52 106 Crossover Construction of crossover Piling works CRO CRO-3 107 60 0 -44 66 66 NEC Contract 1502 (TMS Station)

Preliminaries, Design and General Requirements

Preparatory Work TTMS

Realignment of Wu King Road (West) at Zone W4a
Realignment of Wu King Road (West) at Zone W4b
Removal of central median works at Zone W4a
Removal of central median works at Zone W4b 27 116 38 116 TMS-3b TMS-3b TMS-3d TMS-3d W4a W4b W4a W4b 104 104 104 104 67 67 58 58

Further Noise Mitigation Measure (2) for WT0b (Dec 2024 - Apr 2025): Piling works	and construction	n of piers shou	ıld not be car	ried out at th	e same time	in Zone CRO	when course:	s are being held ins	side the tra	aining centre	and the class	rooms rely on	opened wir	indows for ventilation	ın.																
Activity Name	Work Zone	Activity	SWL, dB(A)	Hori. Distance, m	Vert.	Slant	Distance Correction,		rection,	2023		2024			2025			2026			2027			2028			2029			2030	
		index		Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	B(A) s	5 0 N D	J F M A	M 1 1 A	S 0 N	N D J F M A	M J J A	S O N D	J F M A	A L L M A	S O N D	J F M	A L L M A	S O N D	J F M A	M 1 1 /	A S O N D	J F M A	A L L M	S O N D	J F M A M	J J A S	0 N D
Standard Viaduct between Tuen Mun River Bridge & Crossover																											1				
Construction of Viaducts between TRB & Crossover																								l		I	'				
Piling works	V3	V3-5	106	160	0	160	-52		3					57 57 57 57 57										1		1	1				
Crossover																								l		I	'				
Construction of crossover																								l		I	'				
Piling works*	CRO	CRO-3	107	54	0	54	-43		3					67 67 67 67 67										1		1	1				
Construction of pile caps	CRO	CRO-4	102	54	0	54	-43		3					62 62 62 62 62										1		1	1				
Construction of Pier*	CRO	CRO-5	106	54	0	54	-43		3															1		1	1				
Construction of viaduct structure	CRO	CRO-6	105	54	0	54	-43		3															1		1					
NEC Contract 1502 (TMS Station)																								A .		A /	4		/ /	/ /	
Preliminaries, Design and General Requirements																								1 /		1 /	4		/ /	/	
Demolition and reprovision of footbridges																															
NF99, NF98 Demolition and Reprovision work of NF98	W5	TMS-4	100	41	0	41	-40		3			1		63 63 63 63 63		l	l			l	1	1		1		1	1				
							Predicted Nois	e Level, Leq (30mins), dB(A)					70 70 70 70 70													1				

^{*} Remark: As piling works in Zone CRO has the highest SWL than construction of Pier, it is considered as the worst case scenario if piling works is being carried out.

Further Noise Mitigation Measure (3) for WT0b (May 2025 - Nov. 2025): Piling works in Zone CRO, construction of Pier in Zone CRO, when courses are being held inside the training centre and the classrooms rely on opened windows for ventilation

Activity Name	Work Zone	Activity	SWL, dB(A)	Hori. Distance. m	Vert. Distance, m	Slant Distance, m	Correction,		Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
							dB(A)	dB(A)	dB(A)	S O N D	J F M A	MJJ	A S O N	D J F M	A M J J	SON	D J F M	A M J J A	SONE	J F M A	MJJ	A S O N D	JFMA	A M J J	A S O N	DJFMA	MJJA	S O N D	J F M A	M J J	A S O P
EC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																															
Civil Construction & Architectural Building Works Finishes																															
Standard Viaduct between Tuen Mun River Bridge & Crossover Construction of Viaducts between TRB & Crossover																															
Construction of pile caps at Tuen Mun Safety Town	V3	V3-6	104	160	0	160	-52		3						55 55 55 5	5 55 55															
Crossover NF100 Modification																															
NF100 Modification work	CRO	CRO-2	94	54	0	54	-43		3						54 54 54																
Construction of crossover																															
Piling works*	CRO	CRO-3	107	60	0	60	-44		3						66 66 66																
Construction of pile caps*	CRO	CRO-4	102	54	0	54	-43		3							2 62 62 62															
Construction of Pier*	CRO	CRO-5	106	60	0	60	-44		3						6	5 65 65 65															
EC Contract 1502 (TMS Station)																															
Preliminaries, Design and General Requirements																															/ /
Preparatory Work																															
Demolition and reprovision of footbridges																															
NF99, NF98 Demolition and Reprovision work of NF98	W5	TMS-4	100	41	0	41	-40		3						63 63 63 6	3 63 63															
Civil Construction & Architectural Building Works Finishes																															
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Piling works	TMS.1a	TMS-6	103	45	0	45	-41		3						65 65 65 6	5 65 65 65															
Zone TMS.1b		l	1	1	1	1		l				1		1	1	1			1	l	1	1	1	1			1	1	l	1	
Piling works	TMS.1b	TMS-6	103	107	0	107	-49		3						57 57 57 5	7 57 57 57															
Zone TMS.1c		l	1	1	1	1		l				1		1	1	1			1	l	1	1	1	1			1	1	l	1	
Piling works	TMS.1c	TMS-6	103	220	0	220	-55 Predicted Noise		3			1	1	1	51 51 51 5	1 51 51 51		1	1	1	1	1	1	1	1	1	1	1		1	1

^{*} Remark: As pilling works in Zone CRO has the highest SWL among other two activities (i.e. construction of pile cap and construction of piers), it is considered as the worst case scenario if piling works is being carried out.

Further Vision Elligation Descavors (4) for WT0b (10 PE 2023 - Feb 2027 8. Apr 2027 - July 2027); Pling works in Zone TMS1.a should not be carried out within 50m from WT0b when courses are being held inside the training centre and the classrooms rely on the contraction of pier and construction o

Activity Name	Work Zone	Activity	SWL, dB(A)	Hori.	Vert.	Slant		Screening Correction.	Façade Correction.	2023		2024			2025			2026			2027			2028			2029			2030	
Activity Name	work zone	Index	SWL, dB(A)	Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	dB(A)	5 0 N D	J F M A	M J J A	5 0 N I	J F M A N	I J J A S	O N D J	F M A M	1 1 A	S D N D J	F M A	M J J A	S O N D	J F M A	M J J A	A S O N D	J F M A	M J J A	5 0 N D	J F M	A M J J	A S O N
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)								``																							
Civil Construction & Architectural Building Works Finishes																															
Delivery																															
Precast loading and unloading	W2	W2-1	105	189	0	189	-54		3							5-	4 54 54 54 54	54 54 54	54 54 54 54 54	54 54	54 54 54										
Standard Viaduct between Tuen Mun River Bridge & Crossover																															
Construction of Viaducts between TRB & Crossover																															
Construction of Pier	V3	V3-7	110	160	0	160	-52		3							61 6	1 61 61 61 61	61 61 61	61 61 61 61 6:												
Construction of viaduct structure	V3	V3-8	103	160	0	160	-52		3										54 54 54	54 54	54 54 54										
Crossover																															
Construction of crossover																															
Construction of Pier	CRO	CRO-5	106	60	0	60	-44		3							65 65	5 65 65 65														
Construction of viaduct structure	CRO	CRO-6	105	60	0	60	-44		3									64 64 64	64 64 64 64	64 64	64 64 64										
(EC Contract 1502 (TMS Station)																															
Civil Construction & Architectural Building Works Finishes																															
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Piling works*	TMS.1a	TMS-6	103	34	0	34	-39		3							67 6	7 67 67 67 67	67 67 67	67 67 67 67 67	67											
Construction of pile caps*	TMS.1a	TMS-7	98	30	0	30	-38		3																						
Construction of Pier*	TMS.1a	TMS-8	99	30	0	30	-38		3												64 64 64										
Construction of Station	TMS.1a	TMS-9	100	30	0	30	-38		3											65	65 65 65										
Zone TMS.1b																															
Piling works	TMS.1b	TMS-6	103	107	0	107	-49		3							57 5			57 57 57 57 57												
Construction of pile caps	TMS.1b	TMS-7	98	107	0	107	-49		3								52		52 52 52 52 53		52 52 52										
Construction of Pier	TMS.1b	TMS-8	99	107	0	107	-49		3										53 53 53 53 53		53 53 53										
Construction of Station	TMS.1b	TMS-9	100	107	0	107	-49		3											54	54 54 54										
Zone TMS.1c	1			1	l							1	l	1								1			1	1	l		1		
Piling works	TMS.1c	TMS-6	103	220	0	220	-55		3							51 5			51 51 51 51 5												
Construction of pile caps	TMS.1c	TMS-7	98	220	0	220	-55		3					1			46		46 46 46 46		46 46 46							l			
Construction of Pier	TMS.1c	TMS-8	99	220	0	220	-55		3										47 47 47 47 4		47 47 47										
Construction of Station	TMS.1c	TMS-9	100	220	0	220	-55		3											48	48 48 48										

^{*}Remark: Between May 2026 and Feb 2027, piling works in Zone TMS.1a would result higher sound pressure level than other two activities (i.e. construction of pier caps and construction of pier is, it is considered as the worst case scenario if piling works is being carried out. Between Apr 2027 and Jul 2027, construction of pier in Zone TMS.1a would result higher sound pressure level than other two activities (i.e. construction of pier is considered as the worst case scenario

NAP ID: LCCS1 Assessment Floor: G/F Floor Height (mPD): 6.4

Activity Index SWL, dB(A) Hori. Vert. Slant Distance, m Distance, 2024 2025 2026 2027 2028 2029 2030 Work Zone NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts) NP100 Modification
NP100 Modification work
Construction of crossover
Piling works
Construction of pile caps
Construction of Pier
Construction of viaduct structure CRO 42 42 42 CRO-2 234 55 55 55 50 50 50 50 50 50 54 54 54 54 54 54 53 53 53 53 53 53 53 53 NEC Contract 1502 (TMS Station)

Demolition and reprovision of footbridges

NF99, NF98 Demolition and Reprovision work of NF98

Civil Construction & Architectural Building Works Finishes TMS-4 100 42 3 63 63 63 63 63 63 TMS Station TMS Station Structure Zone TMS.1a
Piling works
Construction of pile caps
Construction of Pier TMS-6 TMS-7 TMS-8 TMS.1a TMS.1a TMS.1a 112 112 112 112 112 112 57 57 57 57 57 57 Construction of Pier
Zone TMS.1b
Piling works*
Construction of pile caps*
Construction of Pier*
Zone TMS.1c
Piling works
Construction of pile caps
Construction of pile caps
Construction of Pier
Zone TMS.1d 68 68 68 68 68 68 68 68 68 30 TMS.1b TMS.1b TMS.1b TMS-6 TMS-7 TMS-8 103 98 99 68 68 68 68 68 TMS.1c TMS.1c TMS.1c TMS-6 TMS-7 TMS-8 TMS.1d TMS.1d TMS-6 TMS-7 103 98 169 169 53 53 53 53 53 Piling works Construction of pile caps Construction of Pier 70 70 70 70 70 70

Further Noise Mitigation Measure (2) for LCCS1 (acr 2027 - July 2027): Construction of nile caps, construction of piles and construction of station should not be carried out at the same time in Zone TMS 1b when the classrooms rely on opened windows for ventilations

Further Noise Mitigation Measure (2) for LCCS1 (Apr 2027 - July 2027): Construction of	pile caps, coil:	struction or p	ilers allu colisi	i uction or sta	ttion snould i	ot be tarried				ileii tile tiassioo	ilis rely on of	reneu windows	ioi ventilation	<u> </u>																	
Activity Name	Work Zone	Activity	SWL, dB(A)	Hori. Distance, m	Vert.	Slant Distance m	Distance Correction,		Façade Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
		moex		Distance, in	Distance, in	Distance, iii	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MJJA	S O N D	J F M A	MJJA	5 0 N 0	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M	MJJA	S O N D	J F M A	MIII	SONE	J F M	L L M	A S D
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																															
Civil Construction & Architectural Building Works Finishes																															
Crossover																															
Construction of crossover																															
Construction of viaduct structure	CRO	CRO-6	105	234	0	234	-55		3											53	53 53 53										
NEC Contract 1502 (TMS Station)																															
Civil Construction & Architectural Building Works Finishes																															
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Construction of pile caps	TMS.1a	TMS-7	98	112	0	112	-49		3											52	52 52 52										
Construction of Pier	TMS.1a	TMS-8	99	112	0	112	-49		3												53 53 53										
Construction of Station	TMS.1a	TMS-9	100	112	0	112	-49		3											54	54 54 54										
Zone TMS.1b																															
Construction of pile caps*	TMS.1b	TMS-7	98	27	0	27	-37		3																						
Construction of Pier*	TMS.1b	TMS-8	99	27	0	27	-37		3																						
Construction of Station*	TMS.1b	TMS-9	100	27	0	27	-37		3											66	66 66 66										
Zone TMS.1c																															
Construction of pile caps	TMS.1c	TMS-7	98	80	0	80	-46		3											55	55 55 55										
Construction of Pier	TMS.1c	TMS-8	99	80	0	80	-46		3											56	56 56 56										
Construction of Station	TMS.1c	TMS-9	100	80	0	80	-46		3											57	57 57 57										
Zone TMS.1d																															
Construction of pile caps	TMS.1d	TMS-7	98	169	0	169	-53		3											48	48 48 48										
Construction of Pier	TMS.1d	TMS-8	99	169	0	169	-53	1	3			l	l	1	l	l	1	1		49	49 49 49		1	1	1		1	1	1		
Construction of Station	TMS.1d	TMS-9	100	169	0	169	-53	1	3			l	l	1	l	l	1	1		50	50 50 50		1	1	1		1	1	1		
	•						Predicted Nois	e Level, Leg (30	Omins), dB(A)											68	68 68 68										

Remark: As construction of station in Zone TMS. 1b has the highest SWL among other two activities (i.e. construction of pile cap and construction of piers), it is considered as the worst case scenario if construction is being carried out.

Further Noise Mitigation Measure (3) for LCCS1 (Feb and Mar 2028): Construction of Station at Zone TIMS.1b and Construct Pick Up Drop Off Area should not be carried out at the same time + Construction of station at TIMS.1b and Other external works at Zone TIMS.2a should maintain 35m setback from LCCS1 when the classrooms rely on opened windows for ventilation.

Work Zone	Activity	SWL, dB(A)	Hori.	Vert.	Slant	Correction.	Correction, C	Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
	Jex		oracarice, m	organice, III	DISCORCE, III	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MIIA	SONE	J F M A	MJJA	S O N D	J F M A	MJJA	S O N D	J F M A	M J J A	S O N D	J F M	AMJJA	. S O N D	J F M A	MJJA	S O N D	J F M A	MJJ	A S O N
TMS.1a	TMS-9	100	112	0	112	-49		3														54 54								
TMS.1b	TMS-9	100	35	0	35	-39		3														64								
TMS.1c	TMS-9	100	80	0	80	-46		3														57 57								
TMS.1d	TMS-9	100	169	0	169	-53		3														50 50								
WS6.5	TMS-10	102	39	0	39	-40		3														65								
TMS.2a	TMS-11	99	35	0	35	-39		3														63 63								
TMS.2b	TMS-11	99	77	0	77	-46		3														56 56								
TMS.2a	TMS-12	97	29	0	29	-37		3														63 63								
TMS.2b	TMS-12	97	77	0	77	-46		3														54 54								
TMS.2a	TMS-12	97	29	0	29	-37		3				1	1	l					1		1	63 63		1					1	
TMS.2b	TMS-12	97	77	0	77	-46		3			l	1	1	l	1	1			1		1	54 54	1	1	l	l	l		1	
	TMS.1a TMS.1b TMS.1c TMS.1d W56.5 TMS.2a TMS.2b TMS.2a	TMS.1a TMS-9 TMS.1b TMS-9 TMS.1c TMS-9 TMS.1c TMS-9 TMS.1c TMS-9 TMS.1c TMS-9 TMS.2a TMS-11 TMS.2b TMS-11 TMS.2b TMS-12 TMS-12	TMS.1a TMS-9 100 TMS.1c TMS-9 100 TMS.1c TMS-9 100 TMS.1c TMS-9 100 TMS.1d TMS-9 100 TMS.2b TMS-10 99 TMS.2c TMS-11 99 TMS.2c TMS-12 97 TMS.2b TMS-12 97 TMS.2b TMS-12 97	TMS.12 TMS-9 100 112 TMS.15 TMS-9 100 35 TMS.16 TMS-9 100 109 WS6.5 TMS-10 102 39 TMS.25 TMS-11 99 77 TMS.25 TMS-12 97 77 TMS.25 TMS-12 97 77			Mort Observed Note Observed Observ	Work Solitance, m Obliance, m Oblian	Monk Monk	More More	Montage Mont	Montage Mont	Main Main	Month Mont	Main Main	Main Main	Main Main	Main Main	Main Main	Main Main	Market M	Market M	Market M	Market M	Mark Mark	Mark Mark	Mark Mark	Mark Mark	Mark Mark	Marke of Mar

^{*} Remark: Since the construction of pick up drop off area would result higher sound pressure level, carrying out the construction of pick up drop off area is considered as the worst case scenario.

^{*} Remark: As pilling works in Zone TMS.1b has the highest SWL among other two activities (i.e. construction of pile cap and construction of piers), it is considered as the worst

NAP ID: LCCS2 Assessment Floor: G/F Floor Height (mPD): 6.4

Activity Name	Work Zone	Activity	SWL, dB(A)	Hori.	Vert. Distance, m	Slant Distance m	Correction,	Correction,	Façade Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
		mucx		Distance, iii	Distance, iii	Distance, iii	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MJJA	S O N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M A	MJJA	S O N D	J F M A	A M J J .	SONE	J F M A	M J J A	S O N D	J F M A	MJJA	A S O N D
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																															
Civil Construction & Architectural Building Works Finishes																															/
Crossover																															
Construction of crossover																															
Piling works	CRO	CRO-3	107	250	0	250	-56		3			54 54																			
NEC Contract 1502 (TMS Station)																															4
Preliminaries, Design and General Requirements																															4
Preparatory Work																															
Light Rail Train Protection Work																															
Light Rail Protection Work	LR	TMS-2	102	170	0	170	-53		3			52 52																			
TTMS																															
Realignment of Wu King Road (West) at Zone W4a	W4a	TMS-3b	104	143	0	143	-51	1	3		56	56		1							1		1	1	1	1					
Realignment of Wu King Road (West) at Zone W4b	W4b	TMS-3b	104	27	0	27	-37		3		70	70																			
Removal of central median works at Zone W4a	W4a	TMS-3d	104	143	0	143	-51		3			56 56																			
Removal of central median works at Zone W4b	W4b	TMS-3d	104	27	0	27	-37		3			70 70																			
					1																										
							Predicted Noise	Level, Leg (30n	nins), dB(A)		70	70 70 70																			_

							Predicted Noise	e Level, Leq (30	mins), dB(A)		7	0 70 70 70																		
Further Noise Mitigation Measure (2) for LCCS2 (May 2025 - Mar 2027): Piling works in	n Zone TMS.1b	should main	tain at least	38m from LO	CS2 and piling	works, const	ruction of pile	caps and con	struction of	piers should r	ot be carried	out at the same	time in Zone 1	TMS.1b and TN	Ms.1c when the	classrooms rely	y on opened wir	ndows for ven	ntilation.											
Activity Name	Work Zone	Activity	SWL, dB(A)	Hori. Distance, m	Vert. Distance, m	Slant Distance m	Distance Correction,	Screening Correction,	Façade Correction,	2023		2024			2025			2026			2027			2028		2029			2030	
							dB(A)	dB(A)	dB(A)	S O N D	J F M A	MJJA	S O N D	J F M A	ALLMA	S D N D	J F M A	MJJA	A S D N D	J F M	A M J J A S	O N D	J F M A	M J J A S O N	D J F M	A M J J	A S O N D	J F M A	A M J J	A S O N D
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																														
Civil Construction & Architectural Building Works Finishes																														
Crossover																														
NF100 Modification																														
NF100 Modification work	CRO	CRO-2	94	250	0	250	-56		3						41 41 41															
Construction of crossover																														
Piling works	CRO	CRO-3	107	250	0	250	-56		3						54 54 54															
Construction of pile caps	CRO	CRO-4	102	250	0	250	-56		3						49 49 49 49															
Construction of Pier	CRO	CRO-5	106	250	0	250	-56		3						53 53 53 53	3 53 53 53 53	3 53 53 53													
Construction of viaduct structure	CRO	CRO-6	105	250	0	250	-56		3									52 52 52	2 52 52 52 52	52 52 52										
NEC Contract 1502 (TMS Station)																														
Demolition and reprovision of footbridges																														
NF99, NF98 Demolition and Reprovision work of NF98	W5	TMS-4	100	54	0	54	-43		3						60 60 60 60	0 60 60														
Civil Construction & Architectural Building Works Finishes																														
TMS Station																														
TMS Station Structure																														
Zone TMS.1a																														
Piling works	TMS.1a	TMS-6	103	124	0	124	-50		3						56 56 56 56	6 56 56 56 56	6 56 56 56 56													
Construction of pile caps	TMS.1a	TMS-7	98	124	0	124	-50		3									51 51 51 51	1 51 51 51 51											
Construction of Pier	TMS.1a	TMS-8	99	124	0	124	-50		3										52 52 52 52	52 52 52										
Zone TMS.1b																														
Piling works*	TMS.1b	TMS-6	103	38	0	38	-40		3						66 66 66 6	6 66 66 66	66 66 66 66	66 66 66 66	6											
Construction of pile caps*	TMS.1b	TMS-7	98	23	0	23	-35		3																					
Construction of Pier*	TMS.1b	TMS-8	99	23	0	23	-35		3										67 67 67 67	67 67 67										
Zone TMS.1c																														
Piling works#	TMS.1c	TMS-6	103	38	0	38	-40		3						66 66 66 66	6 66 66 66	6 66 66 66	66 66 66 66	6 66 66 66	66 66										
Construction of pile caps#	TMS.1c	TMS-7	98	38	0	38	-40	l	3		l	1	1	1	1	1				61	1 1							1	1	
Construction of Pier#	TMS.1c	TMS-8	99	38	0	38	-40	l	3		l	1	1	1	1	1				62	1 1							1	1	
Zone TMS.1d	1			1	1	1		l			l	1	1	1	1	1				1	1 1							1	1	
Piling works	TMS.1d	TMS-6	103	125	0	125	-50	l	3		l	1	1	1	56 56 56 56	6 56 56 56 56	6 56 56 56 56				1 1							1	1	
Construction of pile caps	TMS.1d	TMS-7	98	125	0	125	-50		3									51 51 51 51	1 51 51 51 51	51 51 51										

Construction of pile caps

TMS.10 1 TMS-7 98 125 0 125 -50 3

TMS.10 TMS-8 99 125 0 125 -50 3

TMS.10 TMS-8 99 125 0 125 -50 125 -50 3

Remark-Revenue May 2026 and Aug 2026, piling works and construction of pile caps at Zone TMS.1 the would result the same sound pressure level. Between Sep 2026 and Mar 2027, construction of pile ray at Zone TMS.1 the work in the same sound pressure level. Between Sep 2026 and Mar 2027, construction of pile and the TMS-1 the highest SWL among other two activities (i.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (i.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (ii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (ii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (ii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (ii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (iii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (iii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (iii.e. construction of pile i, pile is considered as the worst case scenario if piling works in Zone TMS-1 chas the highest SWL among other two activities (iii.e. construction of pile i, pile is considered as the worst case scenario if piling worst in Zone TMS-1 chas the highest SWL among other two acti

		Activity		Hori.	Vert.	Slant	Distance		Façade	2023	20	024			2025			2026			2027			2028			2029			2030	
Activity Name	Work Zone	Index	SWL, dB(A)		Distance, m		Correction,		orrection,																						
		muck		Distance, in	Distance, iii	Distance, iii	dB(A)	dB(A)	dB(A)	S O N D J F	M A M J	J A S	O N D	J F M A	M J J A	S O N D	J F M A	MJJA	S D N D	J F M A	MJJA	S O N D	J F M A	MJJA	S O N D	J F M A	MJJA	A S O N D	J F M A	MJJA	5 0
EC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																															
Civil Construction & Architectural Building Works Finishes																															
Crossover																															
Construction of crossover																															
Construction of Pier	CRO	CRO-5	106	250	0	250	-56		3																						
Construction of viaduct structure	CRO	CRO-6	105	250	0	250	-56		3											52	52 52 52 52	1									
Degree 1 Completion																															
ABWF works for Degree 1	CRO	CRO-7	97	250	0	250	-56		3												44	4									
NEC Contract 1502 (TMS Station)																															4 /
Civil Construction & Architectural Building Works Finishes																															/
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Construction of pile caps	TMS.1a	TMS-7	98	124	0	124	-50		3											51	51 51 51										
Construction of Pier	TMS.1a	TMS-8	99	124	0	124	-50		3											52	52 52 52 52	52 52									
Construction of Station	TMS.1a	TMS-9	100	124	0	124	-50		3											53	53 53 53 53	53 53									
Zone TMS.1b																															
Construction of pile caps*	TMS.1b	TMS-7	98	23	0	23	-35		3																						
Construction of Pier*	TMS.1b	TMS-8	99	23	0	23	-35		3																						
Construction of Station*	TMS.1b	TMS-9	100	23	0	23	-35		3											68	68 68 68 68	68 68									
Zone TMS.1c	1		1	1														1				1	l	1	1	1	l	1			1
Construction of pile caps*	TMS.1c	TMS-7	98	38	0	38	-40		3																						
Construction of Pier*	TMS.1c	TMS-8	99	38	0	38	-40		3																						
Construction of Station*	TMS.1c	TMS-9	100	38	0	38	-40		3									1		63	63 63 63 63	63 63	l	1	1	1	l	1			1
Zone TMS.1d	1		1	1														1				1	l	1	1	1	l	1			1
Construction of pile caps	TMS.1d	TMS-7	98	125	0	125	-50		3									1		51	51 51 51	1	l	1	1	1	l	1			1
Construction of Pier	TMS.1d	TMS-8	99	125	0	125	-50		3									1		52	52 52 52 52	52 52	l	1	1	1	l	1			1
Construction of Station	TMS.1d	TMS-9	100	125	0	125	-50		3											53	53 53 53 53	53 53									
							Predicted Noise	Level, Leg (30mi	ins), dB(A)											70	70 70 70 70	70 70									-

Further Vision Militagition Measure (4) for LCSS2 (Nov 2027 - Jun 2028): Construction of yier and yier

Activity Name	Work Zone	Activity	SWL, dB(A)	Hori. Distance, m	Vert.	Slant		Screening Correction,	Façade Correction,	2023		2024	,		2025			2026			2027			2028			2029			2030	
		index		Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MJJA	S O N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M A N	ALLI	S O N D	J F M A	M J J	A S O N D	J F M	A M J J	S O N D	J F M	A M J J	A S O N
NEC Contract 1502 (TMS Station)																															
Civil Construction & Architectural Building Works Finishes																															
TMS Station																															
Zone TMS.1a																															
Construction of Pier	TMS.1a	TMS-8	99	124	0	124	-50		3													52									
Construction of Station	TMS.1a	TMS-9	100	124	0	124	-50		3													53 53	53 53 53								
Zone TMS.1b																															
Construction of Pier	TMS.1b	TMS-8	99	35	0	35	-39		3													63									
Construction of Station*	TMS.1b	TMS-9	100	35	0	35	-39		3													64 64	64 64 64								
Zone TMS.1c																															
Construction of Pier	TMS.1c	TMS-8	99	38	0	38	-40		3													62									
Construction of Station	TMS.1c	TMS-9	100	38	o	38	-40		3													63 63	63 63 63								
Zone TMS.1d																															
Construction of Pier	TMS.1d	TMS-8	99	125	0	125	-50		3													52									
Construction of Station	TMS.1d	TMS-9	100	125	o	125	-50		3													53 53	53 53 53								
External Works																															
Construct Pick Up Drop Off Area*	WS6.5	TMS-10	102	57	0	57	-43		3														62	62 62							
Other external works at Zone TMS.2a*	TMS.2a	TMS-11	99	35	0	35	-39		3															63 63							
Other external works at Zone TMS.2b	TMS.2b	TMS-11	99	43	0	43	-41		3														61 61 61 61	1 61 61							
Degree 1 Completion																															
ABWF works for Degree 1 at Zone TMS.2a	TMS.2a	TMS-12	97	35	0	35	-39		3													61 61	61 61 61 61	61 61							
ABWF works for Degree 1 at Zone TMS.2b	TMS.2b	TMS-12	97	43	0	43	-41		3														59 59 59 59								
					-				-																						
Architectural Finishing Works																															
TMS - ABWF & BS Installation																															
ABWF & BS works at Zone TMS.2a	TMS.2a	TMS-12	97	35	0	35	-39		3				1	1									61 61 61	1 61 61		1	1	1	I	1	
ABWF & BS works at Zone TMS.2b	TMS.2b	TMS-12	97	43	0	43	-41		3				1	1									59 59 59			1	1	1	I	1	
							redicted Noise	Level, Lea (30	mins), dB(A)													70 68	69 70 70 70				1	1		1	\neg

^{*} Remark: Since the construction of station would result higher sound pressure level, carrying out construction of station at Zone TMS.1b is considered as the worst case scenario.

NAP ID: SHDC1 Assessment Floor: G/F Floor Height (mPD): 7.7

Further Noise Mitigation Measure (1) for SHDC1 (Sep 2026 - Feb 2027): Piling works, construction of pile cap and construction of piers should not be carried out at the same time in Zone TMS.1b when the classrooms rely on opened windows for ventilatic

Further Noise Mitigation Measure (1) for SHDC1 (Sep 2026 - Feb 2027): Piling works	, construction o	pinc cup uno	2 COMSCIDENT	ii oi picis siio	ulu not be cu	inca out at a					on openea v		itiliation.																		
Activity Name	Work Zone	Activity	SWL, dB(A)	Hori.	Vert. Distance, m	Slant Distance m	Correction,	Screening Correction,	Façade Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
		IIIOCX		Distance, in	Distance, m	Distance, iii	dB(A)	dB(A)	dB(A)	5 0 N D	J F M A	M 1 1 A	S O N D	J F M A	M J J A	S O N D	J F M A	MJJA	SOND	J F M A	MJJA	S O N D	J F M A	MJJJ	5 0 N D	J F M A	M J J A	S O N D	J F M A	MJJ	A S O N
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																															
Civil Construction & Architectural Building Works Finishes																															
Crossover Construction of crossover																															
	CRO	CRO-6	105	228		228													53 53 53 53												
Construction of viaduct structure	CRO	CRO-6	105	228	0	228	-55		3										53 53 53 53	53 53											
NEC Contract 1502 (TMS Station)																															
Civil Construction & Architectural Building Works Finishes																															
TMS Station TMS Station Structure																															
Zone TMS.1a																															
	TMS.1a	TMS-6	103	100		400													58 58 58 51	50.50											
Piling works Construction of pile caps	TMS.1a	TMS-6	98	100	0	100	-48 -48		3										53 53 53 53												
Construction of Pier Construction of Pier	TMS.1a	TMS-7	98	100	0	100 100	-48 -48		3										54 54 54 54												
Zone TMS.1b	IMS.18	IMS-8	99	100	0	100	-48		3										34 34 34 34	54 54											
	TMS.1b	TMS-6	103	31		24	-38												68 68 68 68	co. co											
Piling works*				31		31			3										68 68 68 61	68 68											
Construction of pile caps*	TMS.1b	TMS-7	98	31	0	31	-38		3																						
Construction of Pier*	TMS.1b	TMS-8	99	31	0	31	-38		3																						
Zone TMS.1c																															
Piling works	TMS.1c	TMS-6	103	86	0	86	-47		3										59 59 59 59												
Construction of pile caps	TMS.1c	TMS-7	98	86	0	86	-47		3										54 54 54 54												
Construction of Pier	TMS.1c	TMS-8	99	86	0	86	-47		3										55 55 55 55	55 55											
Zone TMS.1d	1	1	1	1	1	1	l	1			l	l	1	1			l	1	1	1	1	1	1	1	1	l		1	1	1	1
Piling works	TMS.1d	TMS-6	103	176	0	176	-53		3										53 53 53 53												
Construction of pile caps	TMS.1d	TMS-7	98	176	0	176	-53		3										48 48 48 41												
Construction of Pier	TMS.1d	TMS-8	99	176	0	176	-53 Predicted Nois	L	3				1						49 49 49 49 70 70 70 70				1								

^{*} Remark: As piling works in Zone TMS.1b has the highest SWL among other two activities (i.e. construction of pile cap and construction of piers), it is considered as the worst case scenario if piling works is being carried out.

Further Noise Mitication Measure (2) for SHDC1 (Mar 2028): ABWF & BS works at Zone TMS 2a and construction of station at Zone TMS.1b should not be carried out at the same time when the classrooms rely on opened windows for ventilation.

Activity Name Work Zone	Activity	SWL, dB	. Hori.			Distance	Screening																							
				Vert. Distance, m	Stant	Correction,	Correction,	Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
			Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MIIIA	S O N D	J F M A	M J J A	S O N D	J F M A M	1 1 A	S O N D	J F M A	M J J A	S O N D	J F M A	A M J J A	S O N D	J F M A	M J J A	S O N D	J F M A	M 1 1 A	A S O N
NEC Contract 1502 (TMS Station)																														
Civil Construction & Architectural Building Works Finishes																														/ /
TMS Station																														
Zone TMS.1a																														
Construction of Station TMS.1a	TMS-9	100	100	0	100	-48		3														55								
Zone TMS.1b																														
Construction of Station* TMS.1b	TMS-9	100	31	0	31	-38		3														65								
Zone TMS.1c																														
Construction of Station TMS.1c	TMS-9	100	86	0	86	-47		3														56								
Zone TMS.1d																														
Construction of Station TMS.1d	TMS-9	100	176	0	176	-53		3														50								
External Works																														
Construct Pick Up Drop Off Area WS6.5	TMS-10		70	0	70	-45		3														60								
Other external works at Zone TMS.2a TMS.2a	TMS-11	. 99	31	0	31	-38		3														64								
Other external works at Zone TMS.2b TMS.2b	TMS-11	. 99	86	0	86	-47		3														55								
Degree 1 Completion																														
ABWF works for Degree 1 at Zone TMS.2a TMS.2a	TMS-12	97	31	0	31	-38		3														62								
ABWF works for Degree 1 at Zone TMS.2b TMS.2b	TMS-12	97	86	0	86	-47		3														53								
And the same of Michael County of a																														
Architectural Finishing Works																														4
TMS - ABWF & BS Installation ABWF & BS works at Zone TMS.2a* TMS.2a	TMS-12	97	31		31	-38					l		1			1			l	l			1	1	l				l	1
	TMS-12		31	0	31	-58		3				1	1	1		1								1	1		1		l	
ABWF & BS works at Zone TMS.2b TMS.2b	TMS-12	97	86	0	86	-47 Predicted Noise		3														53								+

^{*} Remark: Since the construction of station at Zone TMS.1b would result higher sound pressure levels, carrying out construction of station is considered as the worst case scenario.

NAP ID: TCC Assessment Floor: G/F Floor Height (mPD): 7.8

Further Noise Mitigation Measure (1) for TCC (Apr 2024 - May 2024 & Jul 2024 - Aug 2	024): Use of b	reaker for Rea	alignment of	Wu King Road	d (West) and	Removal of ce	ntral median	works at Zone	W4b shoul	d not be carrie	d out within 2	7m from TCC w	hen the class	rooms rely on o	pened window:	for ventilatio	in.														
Activity Name	Work Zone	Activity	SWL, dB(A)	Hori.	Vert. Distance, m	Slant Dirtage m	Correction,		Façade Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
		IIIUCX		Distance, iii	Distance, iii	Distance, iii	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MJJA	S O N	D J F M .	A L L M A	S O N D	J F M A	ALLW	S O N D	J F M A	A L L M	5 0 N D	J F M	A M J J .	A S O N D	J F M	MJJA	S O N D	J F M A	M J J	A S O N D
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																															
Civil Construction & Architectural Building Works Finishes																															
Crossover																															
Construction of crossover																															
Piling works	CRO	CRO-3	107	276	0	276	-57		3			53 53	3																		
NEC Contract 1502 (TMS Station)																															
Preliminaries, Design and General Requirements																															/
Preparatory Work																															
Light Rail Train Protection Work																															
Light Rail Protection Work	LR	TMS-2	102	133	0	133	-50		3			55 55	5																		
TTMS																															
Realignment of Wu King Road (West) at Zone W4a	W4a	TMS-3b	104	167	0	167	-52		3		55	55																			
Realignment of Wu King Road (West) at Zone W4b	W4b	TMS-3b	104	27	0	27	-37		3		70	70																			
Removal of central median works at Zone W4a	W4a	TMS-3d	104	167	0	167	-52		3			55 55	5																		
Removal of central median works at Zone W4b	W4b	TMS-3d	104	27	0	27	-37		3			70 70)																		
							Predicted Noise	Level, Leq (30)	nins), dB(A)		70	70 70 70		1	1			_			1		1	1	1	1	1	1			

Activity Name	Work Zone	Activity		Hori.	Vert.	Slant		Screening	Façade	2023		2024		2025		2026			2027			2028			2029		/	2030)
Activity Name	Work Zone	Index	SWL, dB(A)	Distance, m	Distance, m	Distance, m	Correction, dB(A)	Correction, dB(A)	Correction, dB(A)	5 0 N D	J F M	A M J J	A S O N	DJFMAMJJA	S D N D J F	M A M J J	A S O N	D J F	A M J	A S O N	D J F M	A M J J	A S O N	J F M	A M J J	A S O N	D J F M	A M J J	I A S O
C Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)							``		- '																				
Civil Construction & Architectural Building Works Finishes																										/			
Crossover																													
NF100 Modification																													
NF100 Modification work	CRO	CRO-2	94	276	0	276	-57		3					40 40 40															
Construction of crossover																													
Piling works	CRO	CRO-3	107	276	0	276	-57		3					53 53 53															
Construction of pile caps	CRO	CRO-4	102	276	0	276	-57		3					48 48 48 48	48 48 48														
Construction of Pier	CRO	CRO-5	106	276	0	276	-57		3					52 52 52 52	52 52 52 52 52 52	52 52 52													
Construction of viaduct structure	CRO	CRO-6	105	276	0	276	-57		3							51 51	51 51 51 51	51 51 51											
EC Contract 1502 (TMS Station)																										A 7	4		
Preliminaries, Design and General Requirements																													
Demolition and reprovision of footbridges																													
NF99, NF98 Demolition and Reprovision work of NF98	W5	TMS-4	100	33	0	33	-38		3					65 65 65 65	65 65														
Civil Construction & Architectural Building Works Finishes																										4			
TMS Station																													
TMS Station Structure																													
Zone TMS.1a																													
Piling works	TMS.1a	TMS-6	103	147	0	147	-51		3					55 55 55 56	55 55 55 55 55	55 55 55 55	55 55 55 50	55 55 55											
Construction of pile caps	TMS.1a	TMS-7	98	147	0	147	-51		3								50 50 50 50												
Construction of Pier	TMS.1a	TMS-8	99	147	0	147	-51		2								51 51 51	51 51 51											
Construction of Station	TMS.1a	TMS-9	100	147	0	147	-51		3																				
Zone TMS.1b					-				-																				
Piling works*	TMS.1b	TMS-6	103	43		43	-41		2					65 65 65 65	65 65 65 65 65 65		ce ce ce c	ce ce ce											
Construction of pile caps*	TMS.1b	TMS-7	98	27	0	27	-39		3					03 03 03 03	03 03 03 03 03 03	03 03 03 03	03 03 03 03	03 03 03											
Construction of Pier*	TMS.1b	TMS-8	99	37	0	27	-39		3																				
Construction of Station	TMS.1b	TMS-9	100	37	0	37	-39		3																				
Zone TMS.1c	1W13.1U	11013-5	100	37		37	-39		3																				
Piling works*	TMS.1c	TMS-6	103	43		43	-41								65 65 65 65 65 65														
		TMS-6	98			43	-41		3					65 65 65 65	65 65 65 65 65	00 00 00 00	65 65 65 63	65 65 65											
Construction of pile caps*	TMS.1c			35		35			3																				
Construction of Pier*	TMS.1b	TMS-8	99	35	0	35	-39		3							- 1			- 1	1				1		1	1	- 1	
Construction of Station	TMS.1b	TMS-9	100	35	0	35	-39		3							- 1			- 1	1				1		1	1	- 1	
Zone TMS.1d									_										- 1	1				1		1	1	- 1	
Piling works	TMS.1d	TMS-6	103	89	0	89	-47		3					59 59 59 59	59 59 59 59 59				- 1	1				1		1	1	- 1	
Construction of pile caps	TMS.1d	TMS-7	98	89	0	89	-47		3							54 54 54	54 54 54 54		- 1	1				1		1	1	- 1	
Construction of Pier	TMS.1d	TMS-8	99	89	0	89	-47		3			1		1			55 55 55	55 55 55	- 1		- 1			1	1			1	
Construction of Station	TMS.1d	TMS-9	100	89	0	89	-47		3			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

^{252 (}A Control of the Control of the

Activity Name	Work Zone	Activity	SWL, dB(A)	Hori.	Vert. Distance, m	Slant		Screening Correction,	Façade Correction,	2023		2024			2025			2026			2027			2028			2029			2030	/
		ilidex		Distance, iii	Distance, iii	Distance, iii	dB(A)	dB(A)	dB(A)	5 0 N D	J F M A	MJJA	S O N D	J F M A	MJJA	S O N E	DJFMA	M J J A	S O N D	J F M A	MJJ	A S O N I	D J F M .	A M J J	A S O N	D J F M	A M J J A	S O N D	J F M	A M J J	A S O
Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																											/			/ /	/ /
vil Construction & Architectural Building Works Finishes																											7			/ /	/ /
Crossover																															
Construction of crossover																															
Construction of Pier	CRO	CRO-5	106	276	0	276	-57		3																						
Construction of viaduct structure	CRO	CRO-6	105	276	0	276	-57		3											5:	51 51 51										
Contract 1502 (TMS Station)																											/ /			/ /	/ /
vil Construction & Architectural Building Works Finishes																															
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Construction of pile caps	TMS.1a	TMS-7	98	147	0	147	-51		3											50	50 50 50										
Construction of Pier	TMS.1a	TMS-8	99	147	0	147	-51		3												51 51 51										
Construction of Station	TMS.1a	TMS-9	100	147	0	147	-51		3												52 52 52										
Zone TMS.1b																															
Construction of pile caps	TMS.1b	TMS-7	98	37	0	37	-39		3											60	62 62 62										
Construction of Pier	TMS.1b	TMS-8	99	37	0	37	-39		3												63 63 63										
Construction of Station	TMS.1b	TMS-9	100	37	0	37	-39		3												64 64 64										
Zone TMS.1c																															
Construction of pile caps*	TMS.1c	TMS-7	98	35	0	35	-39		3																						
Construction of Pier*	TMS.1b	TMS-8	99	35	0	35	-39		3																						
Construction of Station*	TMS.1b	TMS-9	100	35	0	35	-39		3											64	64 64 64										
Zone TMS.1d					-				-											-											
Construction of pile caps	TMS.1d	TMS-7	98	89	0	89	-47	1	3			l	l	l	l	l	1	1	l	54	54 54 54	1	1		- 1	1	1	l			1
Construction of Pier	TMS.1d	TMS-8	99	89	0	89	-47		3												55 55 55										
Construction of Station	TMS.1d	TMS-9	100																		56 56 56										

urther Noise Mitigation Measure (4) for TCC (Nov 2027 & ian 2028- May 2028): ARWE & RS works at Zone TMS 2 and TMS 3 and TMS 2 and TMS 3 and TMS 3 and TMS 4 and TMS 4

Further Noise Mitigation Measure (4) for TCC (Nov 2027 & Jan 2028 - Mar 2028): AB		Activity		Hori.	Vert.	Cloub	Distance	Screening	Façade	2023	same time. C	2024	pier anu consci	uction of statio	2025	10 and constit	Jetion or statio	2026	ic snould not i	e carried out v	2027	ii rec wiieii tiii	ciassioonis rei	2028	villuows for veil	ciiacion.	2029		2030	
Activity Name	Work Zone	Index	SWL, dB(A)		Distance, m				Correction,																					
		mocx		Distance, in	Distance, in	Distance, iii	dB(A)	dB(A)	dB(A)	S O N D	J F M A	MIIIA	S O N D	J F M A	M J J A	S D N D	J F M A	ALLMA	S O N D	J F M A	MJJA	S O N D	J F M A	MJJA	S O N D	J F M A	M J J A S	O N D	F M A M J J	A S O N
NEC Contract 1502 (TMS Station)																														/ /
Civil Construction & Architectural Building Works Finishes																														/ /
TMS Station Zone TMS.1a																														
Zone TMS.1a																														
Construction of Pier	TMS.1a	TMS-8	99	147	0	147	-51		3													51								
Construction of Station	TMS.1a	TMS-9	100	147	0	147	-51		3													52	52 52 52							
Zone TMS.1b																														
Construction of Pier	TMS.1b	TMS-8	99	38	0	38	-40		3													62								
Construction of Station	TMS.1b	TMS-9	100	38	0	38	-40		3													63	63 63 63							
Zone TMS.1c																														
Construction of Pier	TMS.1c	TMS-8	99	35	0	35	-39		3													63								
Construction of Station	TMS.1c	TMS-9	100	38	0	38	-40		3													63	63 63 63							
Zone TMS.1d																														
Construction of Pier	TMS.1d	TMS-8	99	89	0	89	-47		3													55								
Construction of Station	TMS.1d	TMS-9	100	89	0	89	-47		3													56	56 56 56							
External Works																														
Construct Pick Up Drop Off Area	WS6.5	TMS-10	102	100	0	100	-48		3														57							
Other external works at Zone TMS.2a	TMS.2a	TMS-11	99	41	0	41	-40		3														62 62 62							
Other external works at Zone TMS.2b	TMS.2b	TMS-11	99	37	0	37	-39		3														63 63 63							
Degree 1 Completion																														
ABWF works for Degree 1 at Zone TMS.2a	TMS.2a	TMS-12	97	41	0	41	-40		3													60	60 60 60							
ABWF works for Degree 1 at Zone TMS.2b	TMS.2b	TMS-12	97	37	0	37	-39		3													61	61 61 61							
Architectural Finishing Works																														
TMS - ABWF & BS Installation																														
ABWF & BS works at Zone TMS.2a*	TMS.2a	TMS-12	97	41	0	41	-40		3			l	1	1	1	1	1			1		1	1	1						
ABWF & BS works at Zone TMS.2b*	TMS.2b	TMS-12	97	37	0	37	-39		3			l	1	1	1	1	1			1		1	1	1						
							Predicted Noise	Level, Leg (30m	nins), dB(A)													70	70 70 70							

^{**}Remark: ABWF & 85 works at Zone TMS.2a and TMS.2b would not be carried out at the same time with construction of station at Zone TMS.1b and TMS.1c. Since the construction of station would result higher sound greezes levels, carrying out construction of station is considered as the worst case scenario.

NAP ID: WB0 Assessment Floor: G/F Floor Height (mPD): 8

Noise Militation Measure (1) for WR0 (May 2025 - Oct 2025 & May 2026. Feb 2027): Piling works at Zone TMS 1c when the classrooms rely on opened windows for ventilation.

Further Noise Mitigation Measure (1) for WB0 (May 2025 - Oct 2025 & May 2026- Fel	5 2027): Pilling	works at zone	: IMS.1C SHOP	uia not be c	arried out with	in 43m from				lile caps and c	onstruction or	pier snoula no	t be carried	out at the same	time in Zone 1N	S.1c when the	ciassrooms ren	y on openea w	indows for ven	illation.											
Activity Name	Work Zone	Activity Index	SWL, dB(A)	Hori.	Vert. m Distance, m	Slant	Distance Correction,	Correction,	Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
		muex		Distance, i	iii Distance, iii	Distance, in	dB(A)	dB(A)	dB(A)	S O N E	J F M .	A M J J	A S O N	D J F M	A M J J	A S O N D	J F M A	A M J J i	A S O N I	J F M	A M J J .	A S O N D	J F M	A M J J	A S O N	D J F M	A M J J	A S O N	J F M	A M J J	A S O N
NEC Contract 1502 (TMS Station)																															
Preliminaries, Design and General Requirements																															7 7
Preparatory Work																															
Demolition and reprovision of footbridges																															
NF99, NF98 Demolition and Reprovision work of NF98	WS	TMS-4	100	33	0	33	-38		3						65 65 65 6	5 65 65															
Civil Construction & Architectural Building Works Finishes																															/ /
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Piling works	TMS.1a	TMS-6	103	203	0	203	-54		3						52 52 52 5	2 52 52			2 52 52 52 5												
Construction of pile caps	TMS.1a	TMS-7	98	203	0	203	-54		3									47 47 47 4	7 47 47 47 4	47 47											
Construction of Pier	TMS.1a	TMS-8	99	203	0	203	-54		3										48 48 48 4	48 48											
Zone TMS.1b																															
Piling works	TMS.1b	TMS-6	103	88	0	88	-47		3						59 59 59 5	9 59 59			9 59 59 59 5												
Construction of pile caps	TMS.1b	TMS-7	98	88	0	88	-47		3									54 54 54 5	4 54 54 54 5												
Construction of Pier	TMS.1b	TMS-8	99	88	0	88	-47		3										55 55 55 5	55 55											
Zone TMS.1c																															
Piling works*	TMS.1c	TMS-6	103	43	0	43	-41		3						65 65 65 6	5 65 65		65 65 65 6	65 65 65 6	65 65											
Construction of pile caps	TMS.1c	TMS-7	98	33	0	33	-38		3																						
Construction of Pier*	TMS.1c	TMS-8	99	33	0	33	-38		3																						
Zone TMS.1d	1	1	1		1		l			1	1			1		1	1		1	1			1	1	1	1			1	1	
Piling works	TMS.1d	TMS-6	103	43	0	43	-41		3	1	1			1	65 65 65 6	5 65 65	1	65 65 65 6	5 65 65 65 6	65 65			1	1	1	1			1	1	
Construction of pile caps	TMS.1d	TMS-7	98	43	0	43	-41		3	1	1			1		1	1	60 60 60 6	60 60 60 6	60 60			1	1	1	1			1	1	
Construction of Pier	TMS.1d	TMS-8	99	43	0	43	-41		3	1	1			1		1	1	1	61 61 61 6	61 61			1		1	1			1	1	
	•				•	•	Predicted Nois	e Level, Leg (30	mins), dB(A)						70 70 70 7	0 70 70		69 69 69 6	9 70 70 70 7	70 70											

* Remark: As pilling works in Zone 1c has the highest SWL than construction of pile caps and construction of piers, carrying out pilling works is considered as the worst case scenario.

Activity Name	Work Zone	Activity	SWL, dB(A)	Hori.	Vert. Distance, m	Slant	Distance Correction,	Screening Correction,	Correction,	2023		2024			2025			2026			2027			2028			2029			2030	
		muex		Distance, in	Distance, in	Distance, iii	dB(A)	dB(A)	dB(A)	S O N D	3 F M A	MJJA	S O N	D J F M	A L L M A	S O N D	J F M	A L L M	S O N D	J F M A	MJJA	SOND	J F M A	M J J A	S O N D	J F M	A M J J	A S O N	D J F M	A M J J A	s 0
NEC Contract 1501 (TUM Modification , A16 Station, TRB, Viaducts)																													/ /		1
Civil Construction & Architectural Building Works Finishes																													/ /		1
TMS Station																															
TMS Station Structure																															
Zone TMS.1a																															
Construction of pile caps	TMS.1a	TMS-7	98	203	0	203	-54		3											47	47 47 47										
Construction of Pier	TMS.1a	TMS-8	99	203	0	203	-54		3												48 48 48										
Construction of Station	TMS.1a	TMS-9	100	203	0	203	-54		3											49	49 49 49										
Zone TMS.1b																															
Construction of pile caps	TMS.1b	TMS-7	98	88	0	88	-47		3											54	54 54 54										
Construction of Pier	TMS.1b	TMS-8	99	88	0	88	-47		3											55	55 55 55										
Construction of Station	TMS.1b	TMS-9	100	88	0	88	-47		3											56	56 56 56										
Zone TMS.1c																															
Construction of pile caps*	TMS.1c	TMS-7	98	33	0	33	-38		3																						
Construction of Pier*	TMS.1b	TMS-8	99	33	0	33	-38		3																						
Construction of Station*	TMS.1b	TMS-9	100	33	0	33	-38		3											65	65 65 65										
Zone TMS.1d																															
Construction of pile caps	TMS.1d	TMS-7	98	43	0	43	-41	l	3			l						1	l	60	60 60 60			l	1	1		1	1	1	1
Construction of Pier	TMS.1d	TMS-8	99	43	0	43	-41	l	3			l						1	l	61	61 61 61			l	1	1		1	1	1	1
Construction of Station	TMS.1d	TMS-9	100	43	0	43	-41 Predicted Nois	l	3	l		l	1		1			1	l		62 62 62			I	1		1	1	1		1

^{*} Remark: As construction of station in Zone TMS.1c has the highest SWL among other two activities (i.e. construction of pile cap and construction of pier), carrying out construction of station in Zone TMS.1c has the highest SWL among other two activities (i.e. construction of pier), carrying out construction of station in Zone TMS.1c has the highest SWL among other two activities (i.e. construction of pier), carrying out construction of station in Zone TMS.1c has the highest SWL among other two activities (i.e. construction of pier).

Further Noise Mitigation Measure [3] for WBO [Feb 2028 & Mar 2028]: ABWF & BS works at Zone TMS. Lo and construction of station structure at Zone TMS. Lo should not be carried out at the same time when the classrooms rely on opened windows for ventilation.

Zone	Activity	SWL, dB(A)	Hori.	Vert.	Slant	Distance Correction,	Screening Correction, Co	orrection,	2023		2024			2025			2026			2027			2028			2029			2030	
	Index		Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	dB(A)	S O N D	J F M A	M J J A	S O N	DJFM	MJJA	S O N D	J F M	A M J J	A S O N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M	MJJA	S O N D	J F M A	M J J A	A S O N D
		/ /																												
IS.1a	TMS-9	100	203	0	203	-54		3														49 49								
IS.1b	TMS-9	100	88	0	88	-47		3														56 56								
1S.1c	TMS-9	100	33	0	33	-38		3														65 65								
IS.1d	TMS-9	100	43	0	43	-41		3														62 62								
S6.5	TMS-10	102	156	0	156	-52		3														53								
IS.2a	TMS-11	99	97	0	97	-48		3														54 54								
IS.2b	TMS-11	99	30	0	30	-38		3														64 64								
IS.2a	TMS-12	97	97	0	97	-48		3														52 52								
IS.2b	TMS-12	97	30	0	30	-38		3														62 62								
																														4
IS.2a	TMS-12	97	97	0	97	-48		3						1	l	1	- 1	1	1		l	52 52		1	1	1				1
IS.2b	TMS-12	97	30	0	30	-38		3						1	l	1	- 1	1	1		l	1		1	1	1				1
19	IS.2a IS.2b IS.2a IS.2b	IS.1b TMS-9 IS.1c TMS-9 IS.1c TMS-9 IS.1d TMS-9 IS.2a TMS-11 IS.2b TMS-12 IS.2a TMS-12 IS.2a TMS-12 IS.2a TMS-12	S.1a TMS-9 100 S.1b TMS-9 100 S.1c TMS-9 100 S.1c TMS-9 100 S.1c TMS-10 100 S.5.5 TMS-10 102 S.5.2 TMS-11 99 S.2.2 TMS-12 97 S.5.2 TMS-12 97	S.1a TMS-9 100 203 S.1b TMS-9 100 88 S.1c TMS-9 100 33 S.1c TMS-9 100 43 S.5.c TMS-10 102 156 S.2a TMS-11 99 97 S.2b TMS-11 99 30 S.2a TMS-12 97 97 S.2b TMS-12 97 97	S.1a TM5-9 100 203 0 S.1b TM5-9 100 88 0 S.1c TM5-9 100 33 0 S.1c TM5-9 100 43 0 S.1c TM5-10 102 156 0 S.2a TM5-11 99 97 0 S.2b TM5-11 99 97 0 S.2b TM5-12 97 97 0	Si.1a TM5-9 100 203 0 203 Si.1b TM5-9 100 88 0 88 Si.1c TM5-9 100 33 0 33 Si.1d TM5-9 100 43 0 43 Si.1d TM5-9 100 43 0 43 Si.2a TM5-11 99 97 0 97 Si.2a TM5-12 97 97 0 97 Si.2a TM5-12 97 97 0 97 Si.2a TM5-12 97 97 0 30 Si.2a TM5-12 97 97 0 30 Si.2a TM5-12 97 97 0 97 Si.2b TM5-12 97 97 0 97 Si.2b TM5-12 97 97 0 97	Si.1a TM6-9 100 203 0 203 -54 Si.1b TM6-9 100 88 0 88 -47 Si.1b TM6-9 100 33 0 33 -38 Si.1d TM6-9 100 43 0 43 -41 Si.2d TM6-9 100 43 0 49 -41 Si.2d TM6-9 100 100 43 0 59 -48 Si.2d TM6-11 59 37 0 57 -48 Si.2d TM6-12 97 30 0 30 -38	S.1a TM5-9 100 203 0 203 -54 S.1b TM5-9 100 88 0 88 -47 S.1b TM5-9 100 43 0 43 -41 S.1d TM5-9 100 43 0 43 -41 S.1d TM5-9 100 33 0 33 -38 S.1d TM5-10 102 156 0 156 -52 S.2a TM5-11 99 97 0 97 -48 S.2a TM5-12 97 97 0 97 -48 S.2b TM5-12 97 30 0 30 -38 S.2a TM5-12 97 97 0 97 -48 S.2b TM5-12 97 97 0 97 -48 S.2b TM5-12 97 30 0 30 -38	Si.1a TM5-9 100 203 0 203 -54 3 3 Si.1b TM5-9 100 88 0 88 -47 3 3 Si.1b TM5-9 100 43 0 43 -41 3 3 Si.1d TM5-9 100 43 0 43 -41 3 3 Si.2b TM5-10 102 156 0 156 -52 3 3 Si.2b TM5-11 59 37 0 57 48 3 3 Si.2b TM5-11 59 37 0 57 48 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 3 Si.2b TM5-12 59 30 0 30 38 3 3 3	Si.1a TM5-9 100 203 0 203 -5-4 3 S.1b TM5-9 100 88 0 88 -47 3 S.5.1b TM5-9 100 43 0 43 -41 3 S.5.1b TM5-9 100 43 0 43 -41 3 S.5.2b TM5-1 99 30 0 30 -38 3 S.5.2b TM5-12 97 97 0 97 -48 3 S.5.2b TM5-12 97 97 0 97 0 97 -48 3 S.5.2b TM5-12 97 97 97 0 97 0 97 -48 S.5.2b TM5-12 97 97 97 0 97 0 97 97 97 97 97 97 97 97 97 97 97 97 97	Sila TM5-9 100 203 0 203 -54 3 3 Silb TM5-9 100 88 0 88 -47 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 30 0 30 38 3 3 3 Silb TM5-9 37 0 97 -48 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 97 -48 3 3 Silb TM5-12 97 97 0 97 -48 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 97 -48 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 30 -38 3 3 Silb TM5-12 97 30 0 30 -38 3 3	Sila TM5-9 100 203 0 203 -54 3 3 Silb TM5-9 100 88 0 88 -47 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-10 102 156 0 156 -52 3 3 Silb TM5-10 102 156 0 156 -52 3 3 Silb TM5-10 102 156 0 156 3 3 3 Silb TM5-10 102 156 0 156 3 3 Silb TM5-10 102 156 0 156 3 3 Silb TM5-10 102 156 0 156 3 3 Silb TM5-10 102 100 100 100 100 100 100 100 100 1	Si.1a TM5-9 100 203 0 203 -5-4 3 3 Si.1b TM5-9 100 88 0 88 -47 3 3 Si.1b TM5-9 100 43 0 43 -41 3 3 Si.1b TM5-9 100 43 0 43 -41 3 3 Si.1b TM5-9 100 43 0 43 -41 3 3 Si.1b TM5-9 100 43 0 33 -3-8 3 3 Si.1b TM5-10 102 156 0 156 -52 3 3 Si.1b TM5-11 99 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 30 -3-8 3 3 Si.1b TM5-12 97 30 0 0 0 30 -3-8 3 Si.1b TM5-12 97 30 0 0 0 30 -3-8 Si.1b TM5-12 97 30 0 0 0 30 -3-8 Si.1b TM5-12 97 30 0 0 0 30 -3-8 Si.1b TM5-12 97 30 0 0 0 0 30 -3-8 Si.1b TM5-12 97 30 0 0 0 30	Sila TM5-9 100 203 0 203 -54 3 3 Silb TM5-9 100 88 0 88 -47 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 100 43 0 43 -41 3 3 Silb TM5-9 30 0 30 38 3 3 3 Silb TM5-9 30 0 30 38 3 3 3 Silb TM5-9 30 0 30 38 3 3 Silb TM5-9 30 0 30 38 3 3 Silb TM5-12 97 30 0 30 30 38 3 3 Silb TM5-12 97 30 0 97 -48 3 3 Silb TM5-12 97 30 0 30 38 3 3 Silb TM5-12 97 30 0 30 38 3 3 Silb TM5-12 97 30 0 30 38 3 3 Silb TM5-12 97 30 0 30 30 38 3 3 Silb TM5-12 97 30 0 30 30 38 3 3 Silb TM5-12 97 30 0 30 30 38 3 3 Silb TM5-12 97 30 0 30 30 38 3 3 Silb TM5-12 97 30 0 30 30 38 3 3	Sia TM5-9 100 203 0 203 -54 3 3 Sib TM5-9 100 43 0 43 -41 3 3 Sib TM5-9 100 43 0 43 -41 3 3 Sib TM5-9 100 43 0 43 -41 3 3 Sib TM5-9 100 43 0 43 -41 3 3 Sib TM5-9 100 43 0 43 -41 3 3 Sib TM5-9 100 43 0 43 -41 3 3 Sib TM5-1 100 100 100 100 100 100 100 100 100 1	Sia TM5-9 100 203 0 203 -54 3 3 Sit TM5-9 100 88 0 88 -47 3 3 Sit TM5-9 100 43 0 43 -41 3 3 Sit TM5-9 100 43 0 43 -41 3 3 Sit TM5-9 100 43 0 0 33 0 33 -38 3 3 Sit TM5-9 100 100 100 100 100 100 100 100 100 10	Sila TM59 100 203 0 203 -54 3 3 Sila TM59 100 88 0 88 -47 3 3 Sila TM59 100 43 0 43 -41 3 3 Sila TM59 100 43 0 43 -41 3 3 Sila TM59 100 43 0 43 -41 3 3 Sila TM59 100 43 0 43 -41 3 3 Sila TM59 100 43 0 43 -41 3 3 Sila TM59 100 43 0 33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sia TM5-9 100 203 0 203 -54 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sia TM59 100 203 0 203 -54 3 3 Sib TM59 100 88 0 88 -47 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM59 100 43 0 43 -48 3 3 Sib TM59 100 100 100 100 100 100 100 100 100 10	Sila TM59 100 203 0 203 -54 3 S S S S TM59 100 43 0 43 -41 3 S S S TM511 99 97 0 97 -48 3 S TM512 97 97 0 97 -48 3 S S S TM512 97 97 0 97 -48 3 S S S TM512 97 97 0 97 -48 3 S S S S TM512 97 97 0 97 -48 3 S S S S S S S S S S S S S S S S S S	Sia TM59 100 203 0 203 -54 3 3 Sib TM51 99 30 0 30 -32 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sia TM59 100 203 0 203 -54 3 3 Sib TM59 100 43 0 43 -41 3 3 Sib TM51 99 30 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 3 Sib TM51 99 30 0 0 30 -38 3 Sib TM51 99 30 0 0 30 -38 Sib TM51 99 30	S.1a TM59 100 203 0 203 -54 3 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Sia TM59 100 203 0 203 -54 3 3 49 49 55 56 56 55 51 10 10 10 20 33 0 33 -34 3 3 40 56 56 56 56 56 56 56 56 56 56 56 56 56	Sia TM59 100 203 0 203 -54 3 3 56 56 55 55 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sia TM59 100 203 0 203 -54 3 3 551 M541 99 30 0 30 -38 3 3 552 M541 97 30 0 0 77 -48 3 3 3 552 M541 97 30 0 0 30 -38 3 3 3 552 M541 97 30 0 0 30 -38 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sia TM59 100 203 0 203 -54 3 4 4 3 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Sia TM59 100 203 0 203 -54 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sia TM59 100 203 0 203 -54 3 3 3 -38 3 3 -38 3 3 -41 3 3 3 -41 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sia Th69 100 203 0 203 -54 3 3 3 -38 3 3 -41 3 3 3 -41 3 3 3 -41 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

^{*} Remark: ABWF & 8 S works at Zone TMS.2b would not be carried out at the same time with construction of station at Zone TMS.1c. Since the construction of station structure would result higher sound pressure levels, carrying out construction of station is considered as the worst case scenario.

NAP ID: MINS Assessment Floor: G/F Floor Height (mPD): 6.8

Further Noise Mitigation Measure (1) for MINS (May 2025 - Apr 2026): Piling	g works at Zone TMS.1c	d should main	ntain 38m fro	m MINS whe	n the classroo	ms rely on on		rs for ventilat	ion.																			
Activity Name	Work Zone	Activity		Hori.	Vert.	Slant	Distance Correction.	Screening Correction.		2023		2024		2025			2026			2027		2028			2029			2030
Activity Name	Work Zone	Index	SWL, dB(A)	Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	Correction, dB(A)	5 0 N D	J F M A	. м	A 5 0	N D J F M A M J J A	5 0 N E	D J F M	A M J J A	S O N D	J F M A	MJJASO	N D J F B	A M J J	A S O N	D J F M	A M J J	A S O N	D J F M A	MIIASO
Demolition and reprovision of footbridges							- , ,																					
NF99, NF98 Demolition and Reprovision work of NF98	ws	TMS-4	100	50	0	50	-42		3					61 61 61 61	61 61													
Demolition of TM Ferry Public Toilet and Park																												
Demolish Tuen Mun Ferry Pier Public Toilet and Park	WS6.10	TMS-5	106	63	0	63	-44		3																			
# 14																												
Civil Construction & Architectural Building Works Finishes																												
TMS Station TMS Station Structure																												
Zone TMS.1a																												
									_					50 50 50 50														
Piling works	TMS.1a TMS.1a	TMS-6 TMS-7	103	252 252	0	252	-56 -56		3					50 50 50 50	50 50 50 5	0 50 50 50 5	50											
Construction of pile caps	TMS.1a TMS.1a	TMS-7 TMS-8	98		0	252			3																			
Construction of Pier			99	252 252	0	252	-56		3																			
Construction of Station	TMS.1a	TMS-9	100	252	0	252	-56		3																			
Zone TMS.1b																												
Piling works	TMS.1b	TMS-6	103	127	0	127	-50		3					56 56 56 56	56 56 56 5	6 56 56 56 5	56											
Construction of pile caps	TMS.1b	TMS-7	98	127	0	127	-50		3																			
Construction of Pier	TMS.1b	TMS-8	99	127	0	127	-50		3																			
Construction of Station	TMS.1b	TMS-9	100	127	0	127	-50		3																			
Zone TMS.1c																												
Piling works	TMS.1c	TMS-6	103	35	0	35	-39		3					67 67 67 67	67 67 67 6	7 67 67 67 6	57											
Construction of pile caps	TMS.1c	TMS-7	98	35	0	35	-39		3																			
Construction of Pier	TMS.1c	TMS-8	99	35	0	35	-39		3																			
Construction of Station	TMS.1c	TMS-9	100	35	0	35	-39		3																			
Zone TMS.1d																												
Piling works	TMS.1d	TMS-6	103	38	0	38	-40	l	3	1	l	1		66 66 66 66	66 66 66 6	6 66 66 66	56	1	1		1		1		1	1	1	
Construction of pile caps	TMS.1d	TMS-7	98	22	0	22	-35	l	3	1	l	1					1	1	1		1		1		1	1	1	
Construction of Pier	TMS.1d	TMS-8	99	22	0	22	-35	l	3	1	l	1					1	1	1		1		1		1	1	1	
Construction of Station	TMS.1d	TMS-9	100	22	0	22	-35	l	3	1	l	1					1	1	1		1		1		1	1	1	
		•	•	•	•	•	Predicted Nois	e Level, Leg (3	Omins), dB(A)					70 70 70 70	70 70 70 7	0 70 70 70 7	70	1										

Activity Name	Work Zone	Activity Index	SWL, dB(A)	Hori. Distance, m	Vert. Distance, m	Slant Distance, m	Distance Correction, dB(A)	Screening Façade Correction, Correction dB(A) dB(A)	2023	2024	2025		2026	T		2027	T		2028	T		2029			2030	
ril Construction & Architectural Building Works Finishes							OB(A)	08(A) 08(A)	5 0 N L	1 + M A M 1 1 A 5	0 N 0 3 F M X M 3 3 3	5 0 N D	w v w v	5 U N	J F M	A M , , A	3 0 N D	3 F M A	. M 1 1 A	5 0 N D	1 + M /	M 1 1 A	3 0 N D	3 P M A	M 1 1 X	. 5 0 N
FMS Station																										
TMS Station Structure																										
Zone TMS.1a																										
Piling works	TMS.1a	TMS-6	103	252	0	252	-56	3					50 50 50 50	50 50 50 5	0 50 50											
Construction of pile caps	TMS.1a	TMS-7	98	252	0	252	-56	2					45 45 45 45													
Construction of Pier	TMS.1a	TMS-8	99	252	0	252	-56	2						46 46 46 4												
Zone TMS.1b	11113.20	111130	33	232		232	-30	,						40 40 40 4	0 40											
Piling works	TMS.1b	TMS-6	103	127	0	127	-50	3					56 56 56 56	56 56 56 5	6 56 56											
Construction of pile caps	TMS.1b	TMS-7	98	127	0	127	-50	3					51 51 51 51													
Construction of Pier	TMS.1b	TMS-8	99	127	0	127	-50	3						52 52 52 5												
Zone TMS.1c					-																					
Piling works*	TMS.1c	TMS-6	103	35	0	35	-39	3					67 67 67 67	67 67 67 6	7 67 67											
Construction of pile caps*	TMS.1c	TMS-7	98	35	0	35	-39	3																		
Construction of Pier*	TMS.1c	TMS-8	99	35	0	35	-39	3																		
Zone TMS.1d																										
Piling works#	TMS.1d	TMS-6	103	38	0	38	-40	3				1	66 66 66 66	5		1	1	1	1	1	l					1
Construction of pile caps#	TMS.1d	TMS-7	98	22	0	22	-35	3				1		1		1	1	1	1	1	l					1
Construction of Pier#	TMS.1d	TMS-8	99	22	0	22	-35	3						67 67 67 6	7 67 67											

PREMINE As pling works in Zone TMS. Ic has the highest SWIL among other two activities (i.e. construction of pies ap and construction of pies), carrying out pling works is considered as the worst case scenario.

#Remark - Between May 2025 and Aug 2025, piling works and construction of pie caps at Zone TMS. Id would result the same sound pressure level than piling works at 38m and construction of pie caps, hence, construction of pier is considered as the worst case scenario.

Further Noise Mitigation Measure (3) for MINS (Mar 2027 - July 2027): Construction of	pile caps, Cor	struction of p	pier and Con	struction of	station should	not be carrie	d out at the s	ame time in Zone	TMS.1c and TN	TMS.1d when the	dassrooms rely on	opened win	dows for ventilation	n.																
	Work Zone	Activity	SWL, dB(A)	Hori.	Vert.	Slant		Screening F		2023	2024			2025			2026			2027			2028			2029			2030	
		index		Distance, n	n Distance, m	Distance, m	dB(A)	dB(A)	dB(A) s c	O N D J F	M A M J J	A S O	N D J F M	A L L M A	S D N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D	J F M A	M J J A	S O N D
Civil Construction & Architectural Building Works Finishes																														
TMS Station																														
TMS Station Structure																														
Zone TMS.1a																														
Construction of pile caps	TMS.1a	TMS-7	98	252	0	252	-56		3										45 45	45 45 45										
Construction of Pier	TMS.1a	TMS-8	99	252	0	252	-56		3										46 46	46 46 46										
Construction of Station	TMS.1a	TMS-9	100	252	0	252	-56		3										47	47 47 47										
Zone TMS.1b																														
Construction of pile caps	TMS.1b	TMS-7	98	127	0	127	-50		3										51 51	51 51 51										
Construction of Pier	TMS.1b	TMS-8	99	127	0	127	-50		3										52 52	52 52 52										
Construction of Station	TMS.1b	TMS-9	100	127	0	127	-50		3										53	53 53 53										
Zone TMS.1c																														
Construction of pile caps*	TMS.1c	TMS-7	98	35	0	35	-39		3										62											
Construction of Pier*	TMS.1c	TMS-8	99	35	0	35	-39		3										63											
Construction of Station*	TMS.1c	TMS-9	100	35	0	35	-39		3										64	64 64 64										
Zone TMS.1d				1	1		1					- 1	1	1			1				1		1						1	
Construction of pile caps*#	TMS.1d	TMS-7	98	22	0	22	-35		3																					
Construction of Pier*#	TMS.1d	TMS-8	99	22	0	22	-35		3			- 1	1	1			1		67		1		1						1	
Construction of Station*	TMS.1d	TMS-9	100	22	0	22	-35		3				1						68	68 68 68		l	I	l					1	

^{**} Femank: At construction of station in Zone TMS.1 cand TMS.1 das the highest SWL among other two activities (i.e., construction of piec cand construction of piec cand construction of piec candidate of station in Zone TMS.1 cand TMS.1 das the highest SWL among other two activities (i.e., construction of piec candidate of construction of piec candidate of the construction

Appendix 4.11 Construction Noise Assessment during Non-Restricted Hours (with Further Mitigation Measures)

Further Noise Mitigation Measure (4) for MINS (Aug 2027 - Jun 2028): Further Mitigati	on Measure (3) + Constructi	ion of station	at Zone TMS	.1d, other ex	ternal works :		b. ABWF work	cs for Degree	e 1 at Zone TM:	.2b and ABW	F & BS works	at Zone TMS.2b	should maint	tain 35m from	MINS when	n the clas	ssrooms rely o	on opened w	windows	for ventilat	on.														
Activity Name	Work Zone	Activity	SWL, dB(A)	Hori. Distance, m	Vert.	Slant	Distance Correction,	Screening Correction,	Correction,	2023		2024			2025				2026				2027				2028			2029				203		
		index		Distance, m	Distance, m	Distance, m	dB(A)	dB(A)	dB(A)	S O N D	J F M A	M 1 1 1	SOND	J F M	A M J J	A S O	N D	J F M A	M J J	A 5	D N D	F M A	M J J A	S O N	D J F	M A M	A L L	S O N D	J F M	A M J I	J A S	O N D	J F M	A M J	J A S	0 N C
Civil Construction & Architectural Building Works Finishes																																				7
TMS Station																																				
TMS Station Structure																																				
Zone TMS.1a																																				
Construction of Pier	TMS.1a	TMS-8	99	252	0	252	-56		3															46 46 46												
Construction of Station	TMS.1a	TMS-9	100	252	0	252	-56		3														43	47 47 47	47 47 47	47										
Zone TMS.1b																																				
Construction of Pier	TMS.1b	TMS-8	99	127	0	127	-50		3														52	52 52 52												
Construction of Station	TMS.1b	TMS-9	100	127	0	127	-50		3														5	53 53 53	53 53 53	53										
Zone TMS.1c																																				
Construction of Pier*	TMS.1c	TMS-8	99	35	0	35	-39		3																											
Construction of Station*	TMS.1c	TMS-9	100	35	0	35	-39		3														64	64 64 64	64 64 64	64										
Zone TMS.1d																																				
Construction of Pier#	TMS.1d	TMS-8	99	22	0	22	-35		3														63	67 67 67												
Construction of Station#	TMS.1d	TMS-9	100	35	0	35	-39		3																64 64 64	64										
External Works																																				
Construct Pick Up Drop Off Area	WS6.5	TMS-10	102	184	0	184	-53		3																	52 52 52 5	52									
Other external works at Zone TMS.2a	TMS.2a	TMS-11	99	136	0	136	-51		3																51 51	51 51 51 5	51									
Other external works at Zone TMS.2b	TMS.2b	TMS-11	99	35	0	35	-39		3																63 63	63 63 63	53									
Degree 1 Completion																																				
ABWF works for Degree 1 at Zone TMS.2a	TMS.2a	TMS-12	97	136	0	136	-51		3															49	49 49 49	49 49 49	19									
ABWF works for Degree 1 at Zone TMS.2b	TMS.2b	TMS-12	97	35	0	35	-39		3															61	61 61 61	61 61 61	51									
Architectural Finishing Works																																				
TMS - ABWF & BS Installation																																				
ABWF & BS works at Zone TMS.2a	TMS.2a	TMS-12	97	136	0	136	-51		3			1	1	l										l	49	49 49 49	19									
ABWF & BS works at Zone TMS.2b	TMS.2b	TMS-12	97	35	0	35	-39		3			1	1	l										l	61	61 61 61	51									
					•		Predicted Noise	e Level, Leq (30	mins), dB(A)														69	69 69 70	68 69 70	70 67 67 1	57									