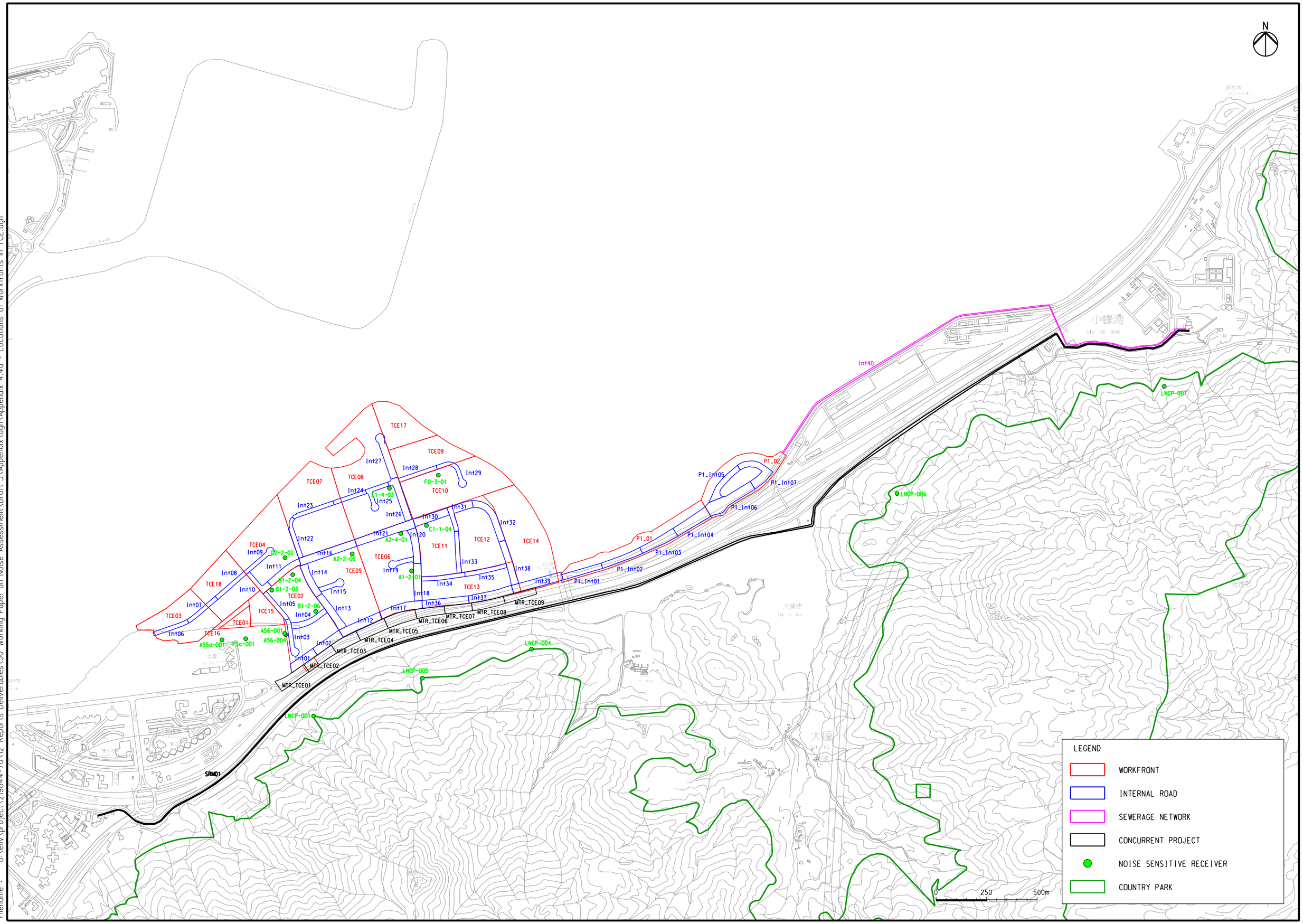
Tung Chung East



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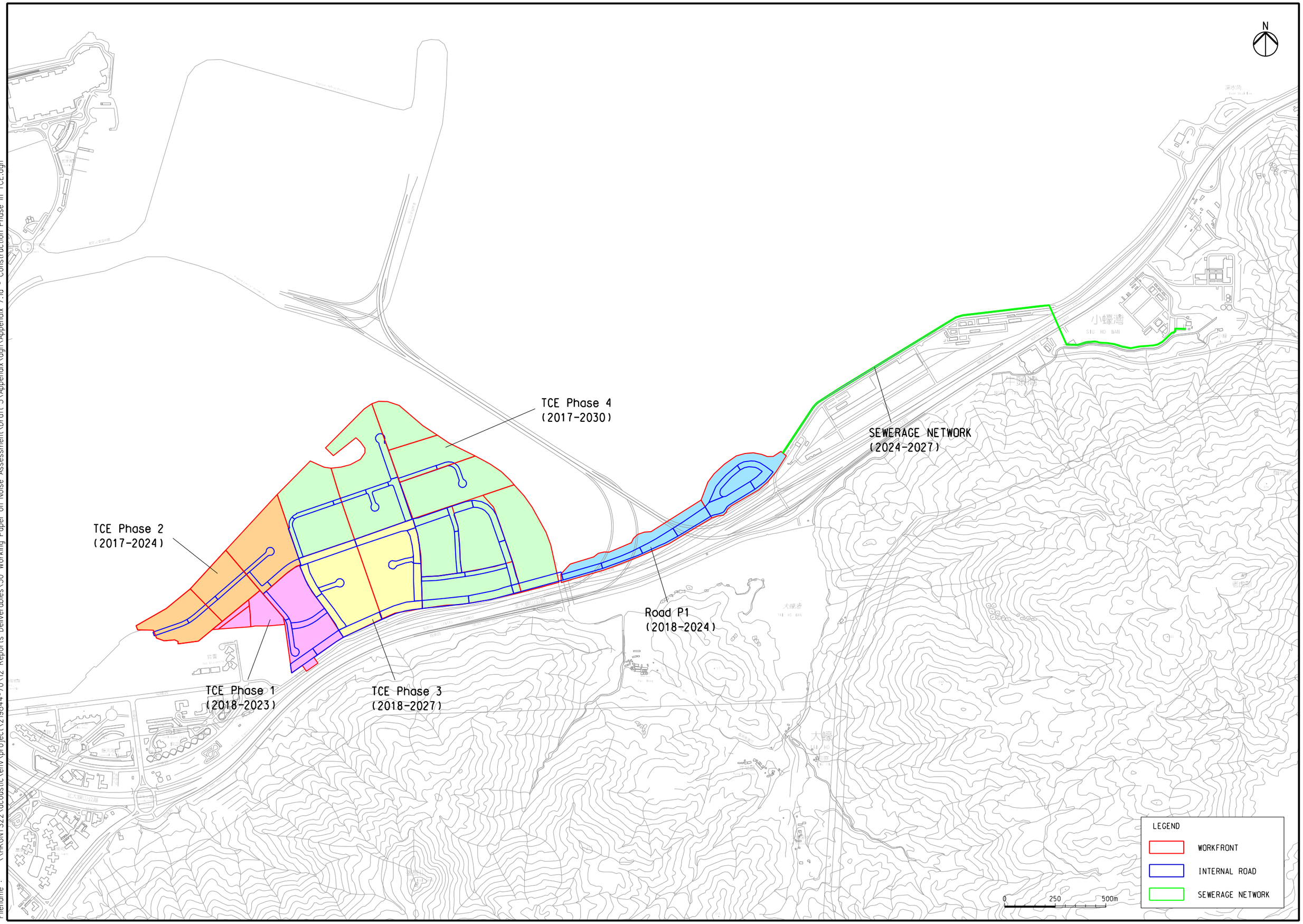
Filename : G:\env\project\219844-70\12 Reports Deliverables\50 Working Paper on Noise Assessment\Draft 3\Appendix\dgn\Appendix 4.4a - Locations of Workfronts in TCE.dgn



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Project : Tung Chung New Town Extension
Title : Construction Noise Calculation
Table 1 - Notional Distance from Construction Sites to NSRs, m

NSRs	TCE01	TCE02	TCE03	TCE04	TCE05	TCE06	TCE07	TCE08	TCE09	TCE10	TCE11	TCE12	TCE13	TCE14	TCE15	TCE16	TCE17	TCE18	P1_01	P1_02
A1-2-01								290			130									
A2-2-05							110	120												
A2-4-01								95		170										
A55a-001	105		130												210	90		145		
A56-001	205	60													105	250				
A56-004		60			285										110					
B1-2-03	190			55			290								85	170		110		
B1-2-04				70	110		140													
B1-2-06					75		320													
C1-1-04									300	135							460			
D2-2-02		120			130		130													
E1-4-03									110	105							250			
F0-3-01								250	50								240			
LNCP-001		285																		
LNCP-004																				
LNCP-005																				
LNCP-006																				
LNCP-007																				
PSc-001	80		220												120	125		200		

NSRs	Int01	Int02	Int03	Int04	Int05	Int06	Int07	Int08	Int09	Int10	Int11	Int12	Int13	Int14	Int15	Int16	Int17	Int18	Int19	Int20
A1-2-01																		45	60	100
A2-2-05																50			215	
A2-4-01																				
A55a-001						220	170	230												
A56-001			30	80	100					240	290		240	280						
A56-004	145	200	20	80	110					245	295		240	280						
B1-2-03							300	160	135	30	55									
B1-2-04													205	80	185	125				
B1-2-06												215	50	100	125	245				
C1-1-04																				
D2-2-02					215						50			145	255	130				
E1-4-03																				
F0-3-01																				
LNCP-001	275																			
LNCP-004																				
LNCP-005												400					350			
LNCP-006																				
LNCP-007																				
PSc-001			220		215		245	255		280										

NSRs	Int21	Int22	Int23	Int24	Int25	Int26	Int27	Int28	Int29	Int30	Int31	Int32	Int33	Int34	Int35	Int36	Int37	Int38	Int39	Int40
A1-2-01	210									270			230	90		215				
A2-2-05	100	260	265	260	270															
A2-4-01	15			285	185	120		270		120	255									
A55a-001																				
A56-001																				
A56-004																				
B1-2-03		240																		
B1-2-04		130																		
B1-2-06		290																		
C1-1-04	110					140		250		35	160									
D2-2-02		70	230																	
E1-4-03						40	100	80		240										
F0-3-01							235	40	60											
LNCP-001																				
LNCP-004																	325		320	
LNCP-005																380				
LNCP-006																				595
LNCP-007																				210
PSc-001																				

								Concurrent project									
NSRs	P1_Int01	P1_Int02	P1_Int03	P1_Int04	P1_Int05	P1_Int06	P1_Int07	MTR_TCE01	MTR_TCE02	MTR_TCE03	MTR_TCE04	MTR_TCE05	MTR_TCE06	MTR_TCE07	MTR_TCE08	MTR_TCE09	SRM01
A1-2-01														285			
A2-2-05																	
A2-4-01																	
A55a-001																	
A56-001																	
A56-004									195								295
B1-2-03								210	275								
B1-2-04																	
B1-2-06																	
C1-1-04										210	270							
D2-2-02																	
E1-4-03																	
F0-3-01																	
LNCP-001								210	275								110
LNCP-004																300	265	185
LNCP-005											330	300	320				200
LNCP-006																	230
LNCP-007																	195
PSc-001																	

Table 2 - Distance Attenuation and Facade Correction, dB(A)

NSRs	TCE01	TCE02	TCE03	TCE04	TCE05	TCE06	TCE07	TCE08	RD3	TCE10	TCE11	TCE12	TCE13	TCE14	TCE15	TCE16	TCE17	TCE18	P1_01	P1_02
A1-2-01								-54			-47									
A2-2-05							-46	-47												
A2-4-01								-45		-50										
A55a-001	-45		-47												-51	-44		-48		
A56-001	-51	-41													-45	-53				
A56-004		-41			-54										-46					
B1-2-03	-51			-40			-54								-44	-50		-46		
B1-2-04				-42	-46		-48													
B1-2-06					-43		-55													
C1-1-04									-55	-48							-58			
D2-2-02		-47			-47		-47													
E1-4-03									-46	-45							-53			
F0-3-01								-53	-39								-53			
LNCP-001		-54																		
LNCP-004																				
LNCP-005																				
LNCP-006																				
LNCP-007																				
PSc-001	-43		-52												-47	-47		-51		

NSRs	Int01	Int02	Int03	Int04	Int05	Int06	Int07	Int08	Int09	Int10	Int11	Int12	Int13	Int14	Int15	Int16	Int17	Int18	Int19	Int20
A1-2-01																		-38	-41	-45
A2-2-05																-39			-52	
A2-4-01																				
A55a-001						-52	-50	-52												
A56-001			-35	-43	-45					-53	-54		-53	-54						
A56-004	-48	-51	-31	-43	-46					-53	-54		-53	-54						
B1-2-03							-55	-49	-48	-35	-40									
B1-2-04													-51	-43	-50	-47				
B1-2-06												-52	-39	-45	-47	-53				
C1-1-04																				
D2-2-02					-52						-39			-48	-53	-47				
E1-4-03																				
F0-3-01																				
LNCP-001	-54																			
LNCP-004																				
LNCP-005												-57					-56			
LNCP-006																				
LNCP-007																				
PSc-001			-52		-52		-53	-53		-54										

NSRs	Int21	Int22	Int23	Int24	Int25	Int26	Int27	Int28	Int29	Int30	Int31	Int32	Int33	Int34	Int35	Int36	Int37	Int38	Int39	Int40
A1-2-01	-51									-54			-52	-44		-52				
A2-2-05	-45	-53	-53	-53	-54															
A2-4-01	-29			-54	-50	-47		-54		-47	-53									
A55a-001																				
A56-001																				
A56-004																				
B1-2-03		-53																		
B1-2-04		-47																		
B1-2-06		-54																		
C1-1-04	-46					-48		-53		-36	-49									
D2-2-02		-42	-52																	
E1-4-03						-37	-45	-43		-53										
F0-3-01							-52	-37	-41											
LNCP-001																				
LNCP-004																	-55		-55	
LNCP-005																-57				
LNCP-006																				-60
LNCP-007																				-51
PSc-001																				

								Concurrent project									
NSRs	P1_Int01	P1_Int02	P1_Int03	P1_Int04	P1_Int05	P1_Int06	P1_Int07	MTR_TCE01	MTR_TCE02	MTR_TCE03	MTR_TCE04	MTR_TCE05	MTR_TCE06	MTR_TCE07	MTR_TCE08	MTR_TCE09	SRM01
A1-2-01														-54			
A2-2-05																	
A2-4-01																	
A55a-001																	
A56-001																	
A56-004									-51								-54
B1-2-03								-51	-54								
B1-2-04																	
B1-2-06																	
C1-1-04										-51	-54							
D2-2-02																	
E1-4-03																	
F0-3-01																	
LNCP-001								-51	-54								-46
LNCP-004																-55	-53	-50
LNCP-005											-55	-55	-55				-51
LNCP-006																	-52
LNCP-007																	-51
PSc-001																	

Tung Chung West

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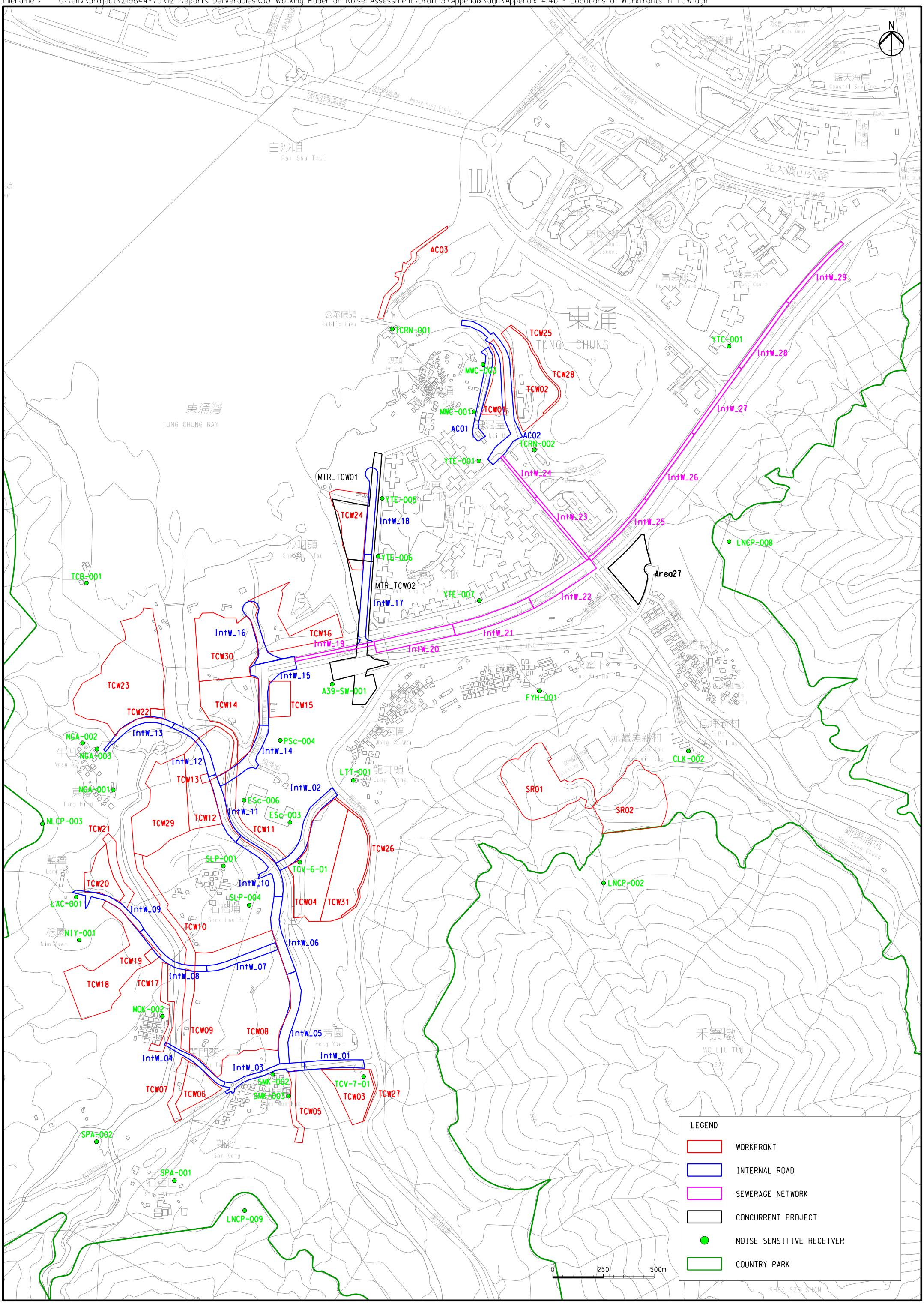

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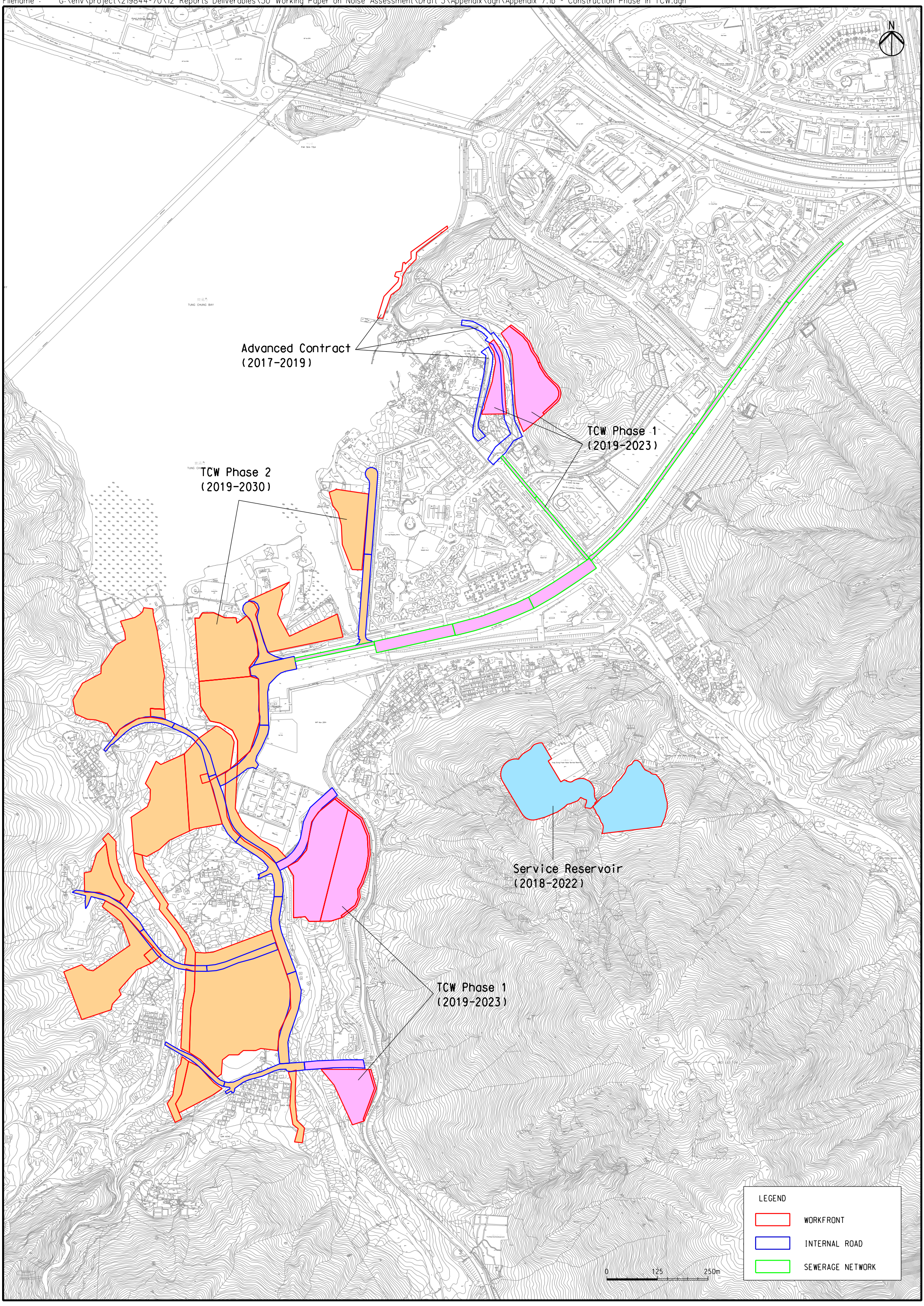

Project : Tung Chung New Town Extension
Title : Construction Noise Calculation
Table 1 - Notional Distance from Construction Sites to NSRs, m

NSRs	AC01	AC02	AC03	SR01	SR02	TCW01	TCW02	TCW03	TCW04	TCW05	TCW06	TCW07	TCW08	TCW09	TCW10	TCW11	TCW12	TCW13	TCW14	TCW15	TCW16	TCW17
A39-SW-001																			220	120	120	
CLK-002					140																	
ESc-003									100							90						
ESc-006																35	105	100	150	240		
FYH-001				190																		
LAC-001															170							
LTT-001									120							275				250		
MOK-002											170	150	95	60	190							25
MWC-001	15	105				65	135															
MWC-003	15	50				60	100															
NGA-001																290	210	220				
NGA-002																	290					
NGA-003																	250	270				
NIY-001														295	225							225
LNCP-002				245	175																	
LNCP-003															260							
LNCP-008																						
LNCP-009										245	310	315										
PSc-004																200	170	205	105	80	260	
SLP-001									205							100	155	215				
SLP-004									165				140			150						
SMK-002												220	120	240								280
SMK-003								140		20												
SPA-001											210	210										
SPA-002											255	230										280
TCB-001																						
TCRN-001	250	200	90			290																
TCRN-002	150	70				160	115															
TCV-6-01																80		275				
TCV-7-01										175			290									
YTC-001																						
YTE-001	75	55				155	200															
YTE-005																						
YTE-006																					290	
YTE-007																						

NSRs	TCW18	TCW19	TCW20	TCW21	TCW22	TCW23	TCW24	TCW25	TCW26	TCW27	TCW28	TCW29	TCW30	TCW31	IntW_01	IntW_02	IntW_03	IntW_04	IntW_05	IntW_06	IntW_07	IntW_08	IntW_09	IntW_10
A39-SW-001													240											
CLK-002																								
ESc-003									130					165		70				210				105
ESc-006					290							170												
FYH-001																								
LAC-001	190	230	50	110								250										205	30	
LTT-001									60					130		80								
MOK-002		145															240	80			185	135		
MWC-001								205			180													
MWC-003								115			140													
NGA-001					210	200						110												
NGA-002					190	115						235												
NGA-003					165	120						200												
NIY-001	95	175	145	165																		170	95	
LNCP-002																								
LNCP-003			175	175								270											190	
LNCP-008																								
LNCP-009																								
PSc-004					300							300	225											
SLP-001												165		290		170								80
SLP-004									240					240		145			235	70	115			90
SMK-002															105		35	140	70					
SMK-003										195							70		110					
SPA-001																	270	270						
SPA-002																		300						
TCB-001						215																		
TCRN-001																								
TCRN-002								225			100													
TCV-6-01																20				135	240	230		65
TCV-7-01															70		170		210					
YTC-001																								
YTE-001								290			200													
YTE-005							75																	
YTE-006							80																	
YTE-007																								

																				Concurrent project		
NSRs	IntW_11	IntW_12	IntW_13	IntW_14	IntW_15	IntW_16	IntW_17	IntW_18	IntW_19	IntW_20	IntW_21	IntW_22	IntW_23	IntW_24	IntW_25	IntW_26	IntW_27	IntW_28	IntW_29	MTR_TCW01	MTR_TCW02	Area27
A39-SW-001					135	185	150		75	185											135	
CLK-002																						
ESc-003																						
ESc-006	70	125	275	75	220																	
FYH-001																						
LAC-001																						
LTT-001				250	290																	
MOK-002																						
MWC-001																						
MWC-003																						
NGA-001	255	230	120																			
NGA-002		250	75																			
NGA-003		220	45																			
NIY-001																						
LNCP-002																						
LNCP-003																						
LNCP-008															235	230	290					230
LNCP-009																						
PSc-004	200	185	280	55	105	215			210													
SLP-001	90	245		240																		
SLP-004	195																					
SMK-002																						
SMK-003																						
SPA-001																						
SPA-002																						
TCB-001																						
TCRN-001																						
TCRN-002														75								
TCV-6-01	200			270																		
TCV-7-01																						
YTC-001																245	70	55	190			
YTE-001													175	65								
YTE-005							165	30												50	210	
YTE-006							40	50	220											60	135	
YTE-007							290			140	45	175	280								300	

Table 2 - Distance Attenuation and Facade Correction, dB(A)

NSRs	AC01	AC02	AC03	SR01	SR02	TCW01	TCW02	TCW03	TCW04	TCW05	TCW06	TCW07	TCW08	TCW09	TCW10	TCW11	TCW12	TCW13	TCW14	TCW15	TCW16	TCW17
A39-SW-001																			-52	-47	-47	
CLK-002					-48																	
ESc-003									-45							-44						
ESc-006																-36	-45	-45	-49	-53		
FYH-001				-51																		
LAC-001															-50							
LTT-001									-47							-54				-53		
MOK-002											-50	-49	-45	-41	-51							-33
MWC-001	-29	-45				-41	-48															
MWC-003	-29	-39				-41	-45															
NGA-001																-54	-51	-52				
NGA-002																	-54					
NGA-003																	-53	-54				
NIY-001														-54	-52							-52
LNCP-002				-53	-50																	
LNCP-003															-53							
LNCP-008																						
LNCP-009										-53	-55	-55										
PSc-004																-51	-50	-51	-45	-43	-53	
SLP-001									-51							-45	-49	-52				
SLP-004									-49				-48			-49						
SMK-002												-52	-47	-53								-54
SMK-003								-48		-31												
SPA-001											-51	-51										
SPA-002											-53	-52										-54
TCB-001																						
TCRN-001	-53	-51	-44			-54																
TCRN-002	-49	-42				-49	-46															
TCV-6-01																-43		-54				
TCV-7-01										-50			-54									
YTC-001																						
YTE-001	-43	-40				-49	-51															
YTE-005																						
YTE-006																					-54	
YTE-007																						

NSRs	TCW18	TCW19	TCW20	TCW21	TCW22	TCW23	TCW24	TCW25	TCW26	TCW27	TCW28	TCW29	TCW30	TCW31	IntW_01	IntW_02	IntW_03	IntW_04	IntW_05	IntW_06	IntW_07	IntW_08	IntW_09	IntW_10
A39-SW-001													-53											
CLK-002																								
ESc-003									-47					-49		-42				-51				-45
ESc-006					-54							-50												
FYH-001																								
LAC-001	-51	-52	-39	-46								-53										-51	-35	
LTT-001									-41					-47		-43								
MOK-002		-48															-53	-43			-50	-48		
MWC-001								-51			-50													
MWC-003								-46			-48													
NGA-001					-51	-51						-46												
NGA-002					-51	-46						-52												
NGA-003					-49	-47						-51												
NIY-001	-45	-50	-48	-49																		-50	-45	
LNCP-002																								
LNCP-003			-50	-50								-54											-51	
LNCP-008																								
LNCP-009																								
PSc-004					-55							-55	-52											
SLP-001												-49		-54		-50								-43
SLP-004									-53					-53		-48			-52	-42	-46			-44
SMK-002															-45		-36	-48	-42					
SMK-003										-51							-42		-46					
SPA-001																	-54	-54						
SPA-002																		-55						
TCB-001						-52																		
TCRN-001																								
TCRN-002								-52			-45													
TCV-6-01																-31				-48	-53	-52		-41
TCV-7-01															-42		-50		-51					
YTC-001																								
YTE-001								-54			-51													
YTE-005							-43																	
YTE-006							-43																	
YTE-007																								

																				Concurrent project		
NSRs	IntW_11	IntW_12	IntW_13	IntW_14	IntW_15	IntW_16	IntW_17	IntW_18	IntW_19	IntW_20	IntW_21	IntW_22	IntW_23	IntW_24	IntW_25	IntW_26	IntW_27	IntW_28	IntW_29	MTR_TCW01	MTR_TCW02	Area27
A39-SW-001					-48	-50	-49		-43	-50											-48	
CLK-002																						
ESc-003																						
ESc-006	-42	-47	-54	-43	-52																	
FYH-001																						
LAC-001																						
LTT-001				-53	-54																	
MOK-002																						
MWC-001																						
MWC-003																						
NGA-001	-53	-52	-47																			
NGA-002		-53	-43																			
NGA-003		-52	-38																			
NIY-001																						
LNCP-002																						
LNCP-003																						
LNCP-008															-52	-52	-54					-52
LNCP-009																						
PSc-004	-51	-50	-54	-40	-45	-52			-51													
SLP-001	-44	-53		-53																		
SLP-004	-51																					
SMK-002																						
SMK-003																						
SPA-001																						
SPA-002																						
TCB-001																						
TCRN-001																						
TCRN-002														-43								
TCV-6-01	-51			-54																		
TCV-7-01																						
YTC-001																-53	-42	-40	-51			
YTE-001													-50	-41								
YTE-005							-49	-35												-39	-51	
YTE-006							-37	-39	-52											-41	-48	
YTE-007							-54			-48	-38	-50	-54								-55	