

Project : SCL - Stabling Sidings at Hung Hom Freight Yard
 Title : Construction Noise Calculation
 Subtitle : HHS + HUH

Table 1 - Notional Distance from Construction Sites to NSRs, m

NSRs	Work Site																					
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S16	S17	S18	S19	S20	S21	S22	
HUH-1-3															260	185	145	100	55	60	110	
HUH-8-1					265	200							290	230	190	175	180	200	250	290		
HUH-3-1		185			150	110						265	205	165	150	180	220	250				
HUH-3-2		110		200	110	120						245	205	195	210	260						
HUH-4-1 ^[1]						105				260	190	130	120	150	195	255						
HUH-4-2 ^[1]	165					240	275	225	190	155	125	155	205	270								
HUH-10-1	100	120	150	270				175	230	235	260											

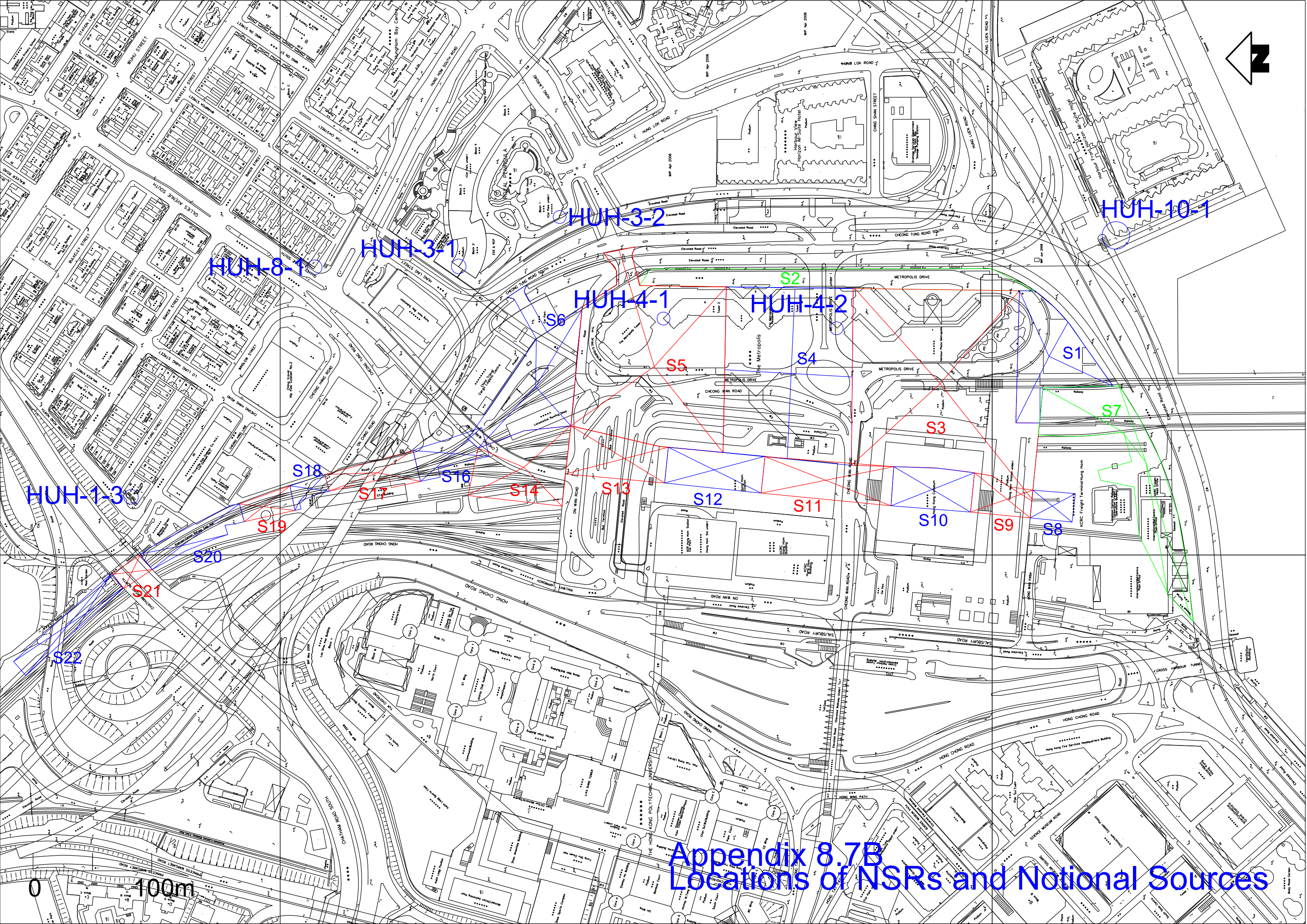
Note: [1] The workfronts S2, S3, S4 and S5 are underneath the NSR, therefore, there will be no line of sight of the NSR to the worksites, airborne construction noise impact are not anticipated.

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

NSRs	Work Site																					
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S16	S17	S18	S19	S20	S21	S22	
HUH-1-3															-53	-50	-48	-45	-40	-41	-46	
HUH-8-1					-53	-51							-54	-52	-51	-50	-50	-51	-53	-54		
HUH-3-1		-50			-49	-46						-53	-51	-49	-49	-50	-52	-53				
HUH-3-2		-46		-51	-46	-47						-53	-51	-51	-51	-53						
HUH-4-1						-45				-53	-51	-47	-47	-49	-51	-53						
HUH-4-2	-49					-53	-54	-52	-51	-49	-47	-49	-51	-54								
HUH-10-1	-45	-47	-49	-54				-50	-52	-52	-53											

Table 3 - Screening Between Construction Sites and NSRs, dB(A)

NSRs	Work Site																					
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S16	S17	S18	S19	S20	S21	S22	
HUH-1-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HUH-8-1	0	0	0	0	-5	0	0	0	0	0	0	0	-5	0	0	0	0	0	0	0	0	
HUH-3-1	0	-5	0	0	-5	0	0	0	0	0	0	-10	-5	0	0	0	0	0	0	0	0	
HUH-3-2	0	-5	0	-10	-5	0	0	0	0	0	0	-10	-10	0	0	0	0	0	0	0	0	
HUH-4-1	0	0	0	0	0	0	0	0	-10	-10	-10	-10	-10	0	0	0	0	0	0	0	0	
HUH-4-2	0	0	0	0	0	0	0	0	-10	-10	-10	-10	-10	0	0	0	0	0	0	0	0	
HUH-10-1	0	-5	-5	-10	0	0	0	0	-5	-10	0	0	0	0	0	0	0	0	0	0	0	



Appendix 8.7B
Locations of NSRs and Notional Sources