

Project : SCL - Tai Wai to Hung Hom Section
Title : Construction Noise Calculation
Subtitle : DHS + EEP at Wong Tai Sin + C&C + Retrieval Shafts + Work shaft
Table 1 - Notional Distance from Construction Sites to NSRs, m

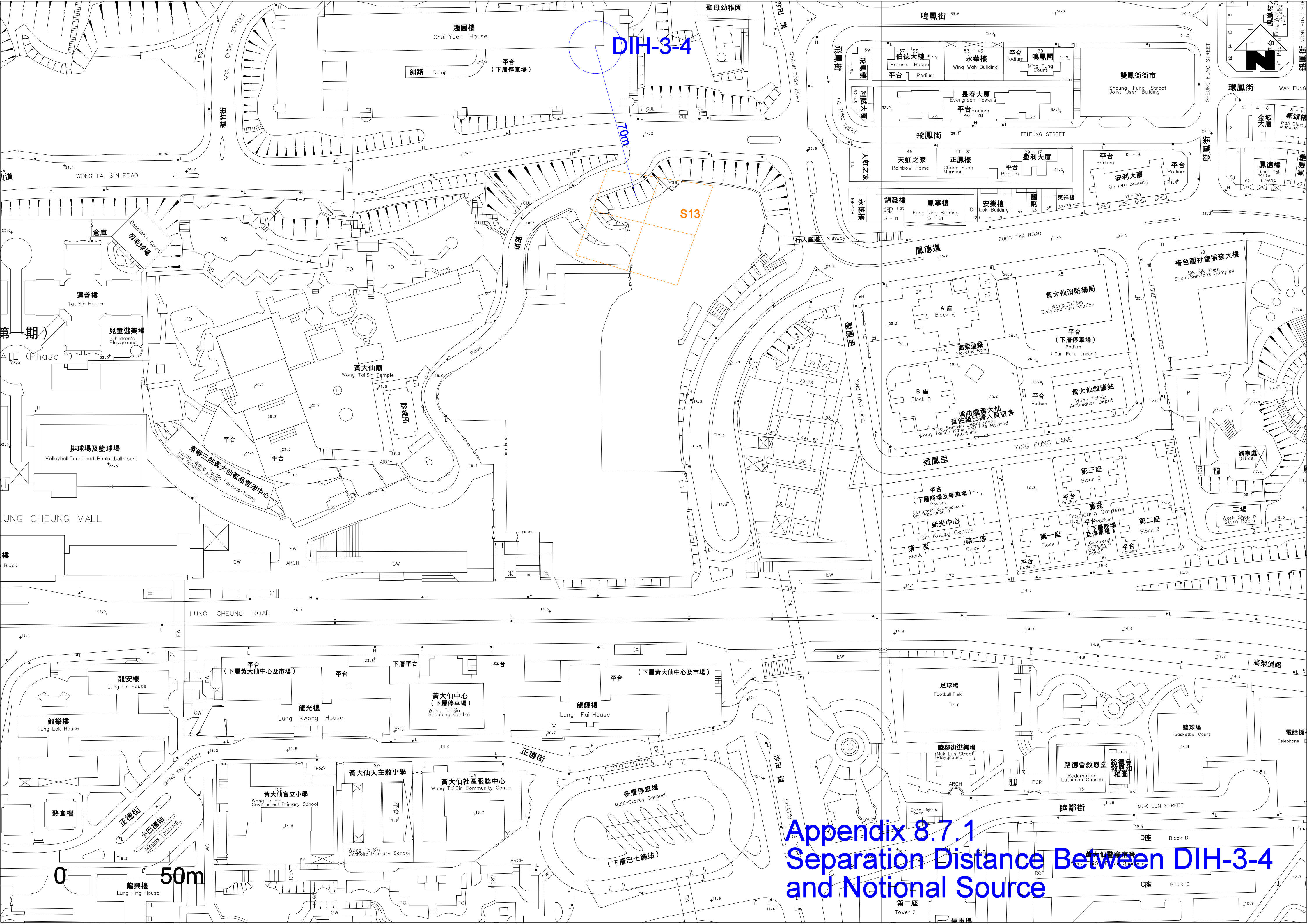
NSRs	Work Site																									
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S25	S26		
DIH-7-1						250					215															
DIH-14-5			295	240	180			270	165	90			165	95	45	23	60	25	22	45					275	
DIH-9-1	230	265				70	175	290			170											275	285			
DIH-10-1	235	265				70	170	280														290				
DIH-11-1	90	110	145	190	245	150	125	170	240		115	115										23	35			
DIH-12-1	220	210	200	200	210		260	235	245		180	165										170	170			
DIH-13-1	280					120	220				225															
DIH-14-1				290					215	140				60	35	70	40	75	70	95					285	
DIH-14-4			265	225	190			220	150	120	260	290		200	155	115	170	120	120	130					165	
DIH-15-1										240				100	130	165	110	165	165	190						
DIH-15-2														155	255		220									
DIH-15-2-A										240				75	150	210	125	195	205	225						
DIH-5-1													80													
DIH-12-2	180	185	200	230	265	260	220	235	280		215	165										95	105			
DIH-17-1													75													
DIH-3-4													70													
KAT-P1-5-A														230												
DIH-14-3										295				180	230	250	235	255	250	270				295	195	

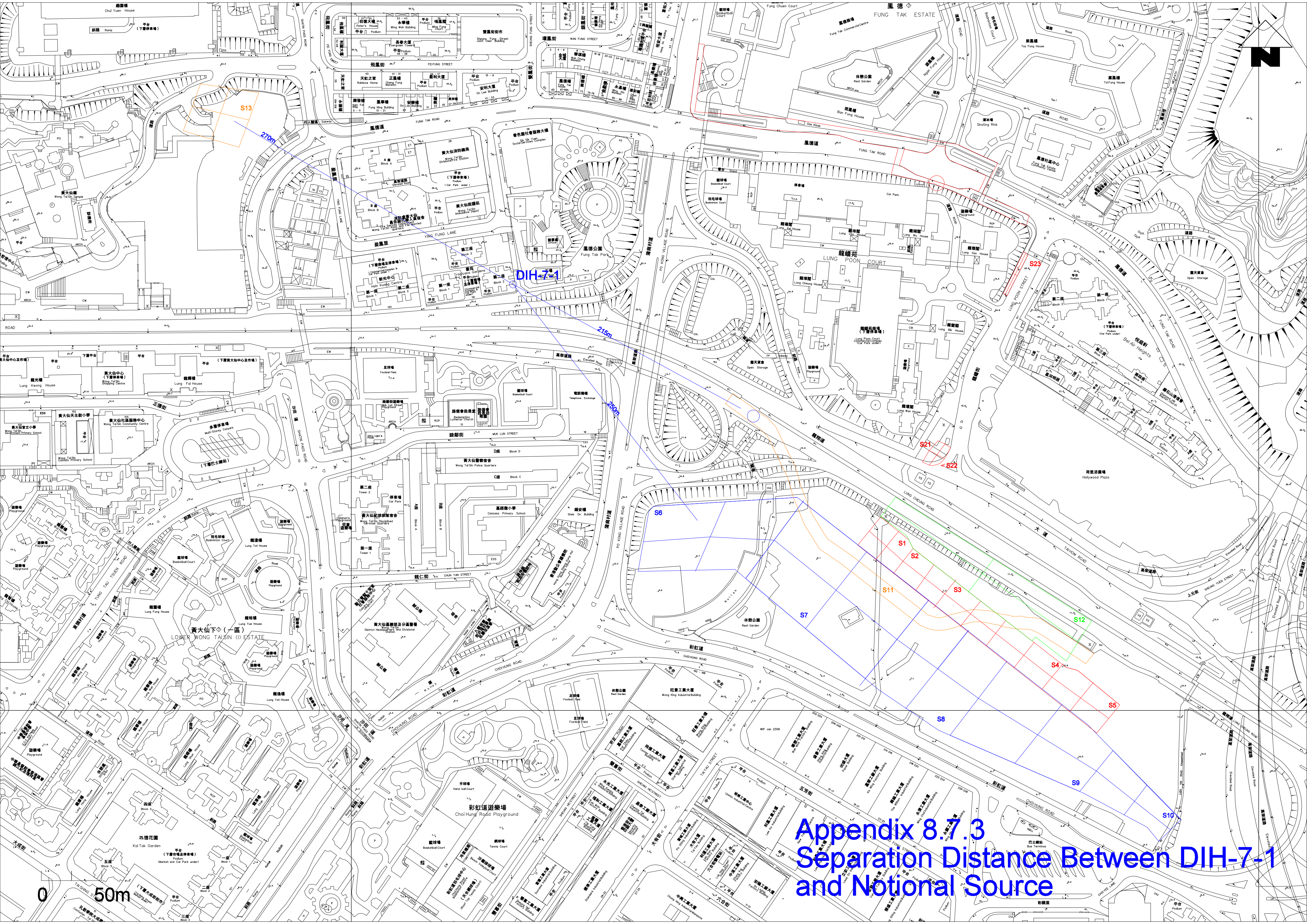
Table 2 - Distance Attenuation and Facade Correction, dB(A)

NSRs	Work Site																									
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S25	S26		
DIH-7-1						-53					-52															
DIH-14-5			-54	-53	-50			-54	-49	-44				-45	-38	-32	-41	-33	-32	-38					-54	
DIH-9-1	-52	-53				-42	-50	-54			-50											-54	-54			
DIH-10-1	-52	-53				-42	-50	-54														-54				
DIH-11-1	-44	-46	-48	-51	-53	-49	-47	-50	-53		-46											-32	-36			
DIH-12-1	-52	-51	-51	-51	-51		-53	-52	-53		-50											-50	-50			
DIH-13-1	-54					-47	-52				-52															
DIH-14-1				-54					-52	-48				-41	-36	-42	-37	-43	-42	-45					-54	
DIH-14-4			-53	-52	-51			-52	-49	-47	-53			-51	-49	-46	-50	-47	-47	-47					-49	
DIH-15-1										-53				-45	-47	-49	-46	-49	-49	-51						
DIH-15-2														-49	-53		-52									
DIH-15-2-A										-53				-43	-49	-51	-47	-51	-51	-52						
DIH-5-1													-43													
DIH-12-2	-50	-50	-51	-52	-53	-53	-52	-52	-54		-52	-49.35										-45	-45			
DIH-17-1													-43													
DIH-3-4													-42													
KAT-P1-5-A														-52												
DIH-14-3										-54				-50	-52	-53	-52	-53	-53	-54				-54	-51	

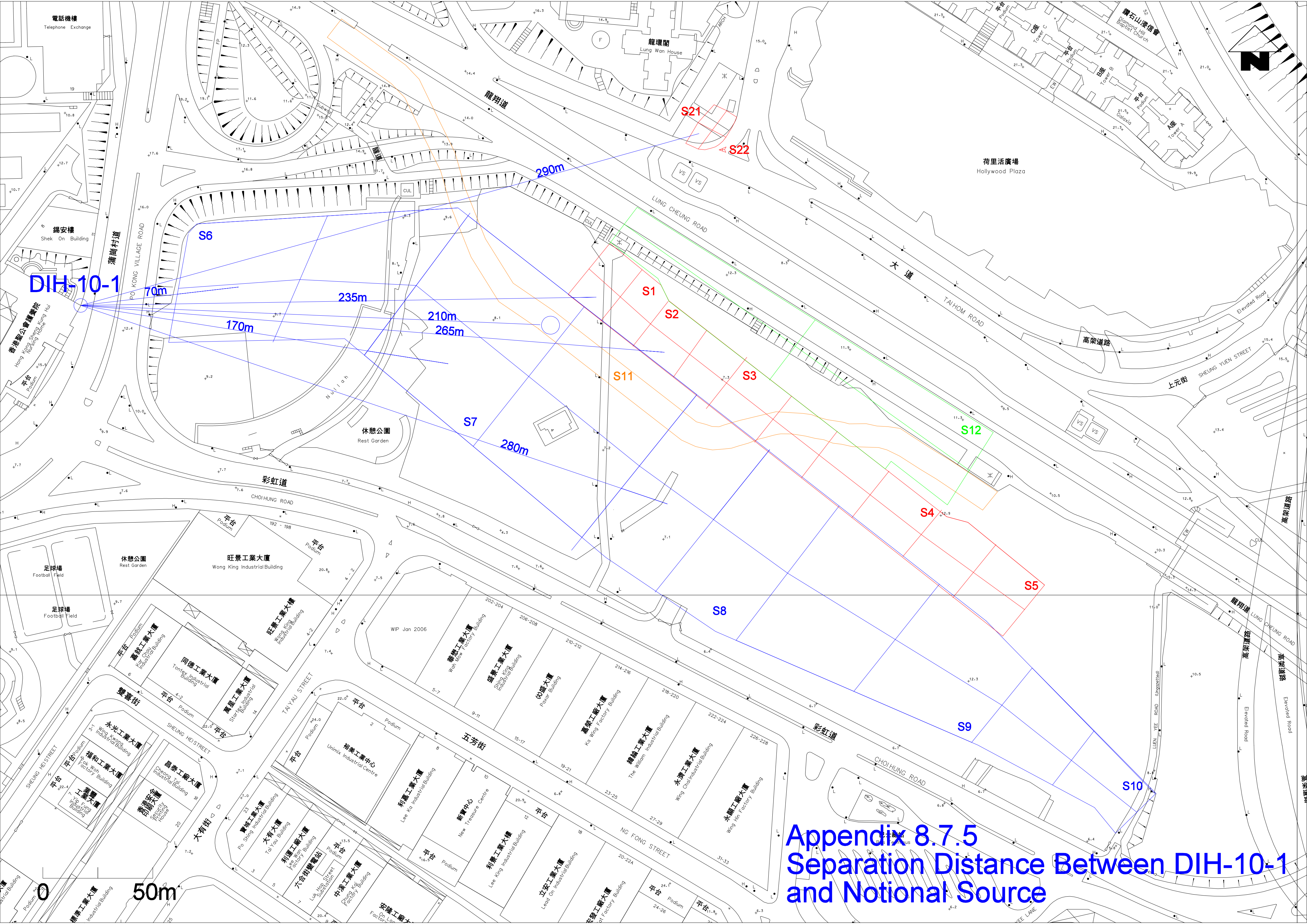
Table 3 - Screening Between Construction Sites and NSRs, dB(A)

NSRs	Work Site																									
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S25	S26		
DIH-7-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-14-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-9-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-10-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-11-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-12-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-13-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-14-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-14-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-15-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-15-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-15-2-A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-5-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-12-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-17-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-3-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KAT-P1-5-A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DIH-14-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

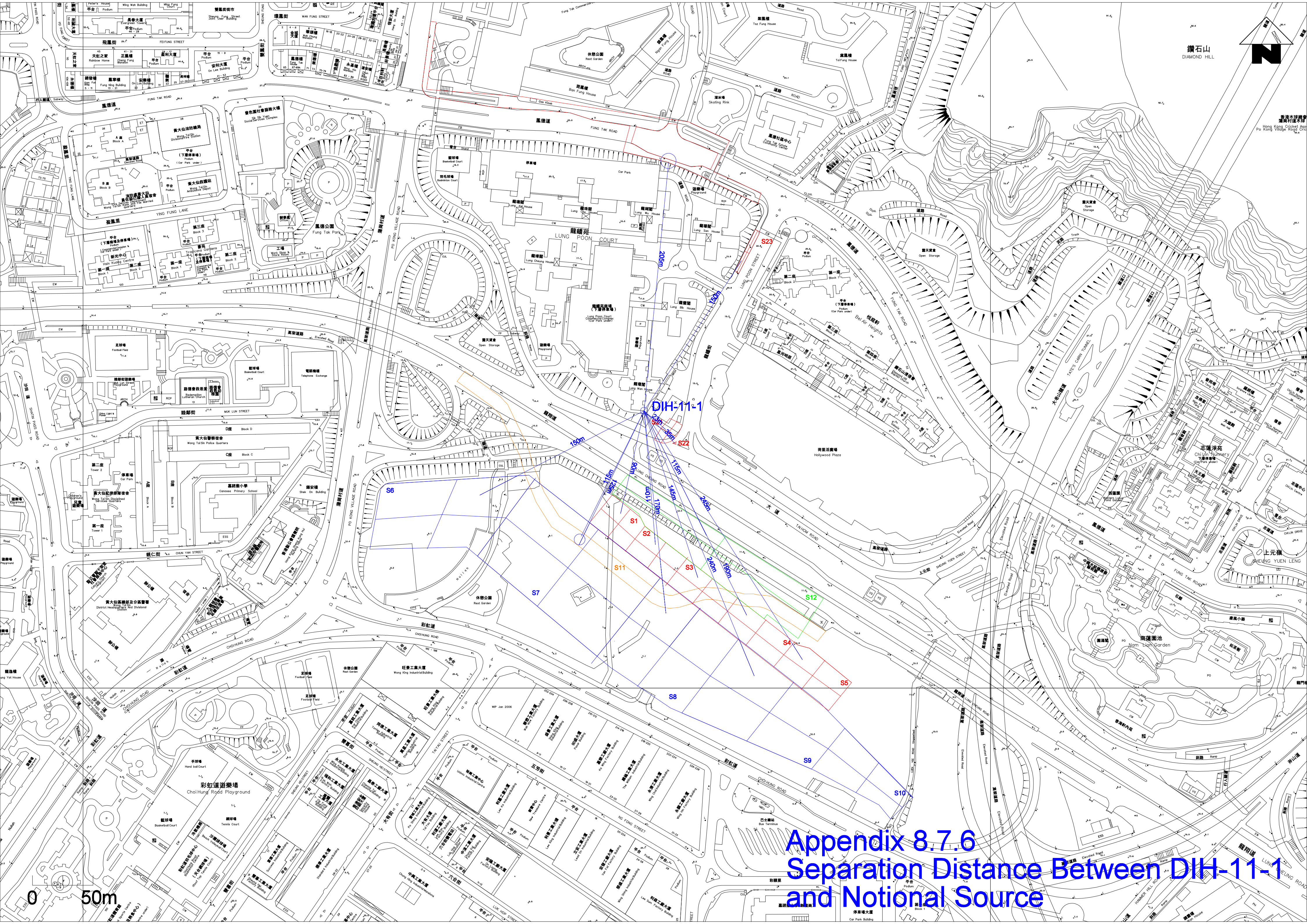




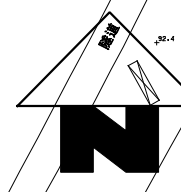
Appendix 8.7.3
Separation Distance Between DIH-7-1
and Notional Source



Appendix 8.7.5
 Separation Distance Between DIH-10-1
 and Notional Source



鑽石山
DIAMOND HILL



香港水務局
Hong Kong Waterworks
Po Kong Village Road, Sha Tin

DIH-11-1

150m

205m

170m

100m

115m

150m

240m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

200m

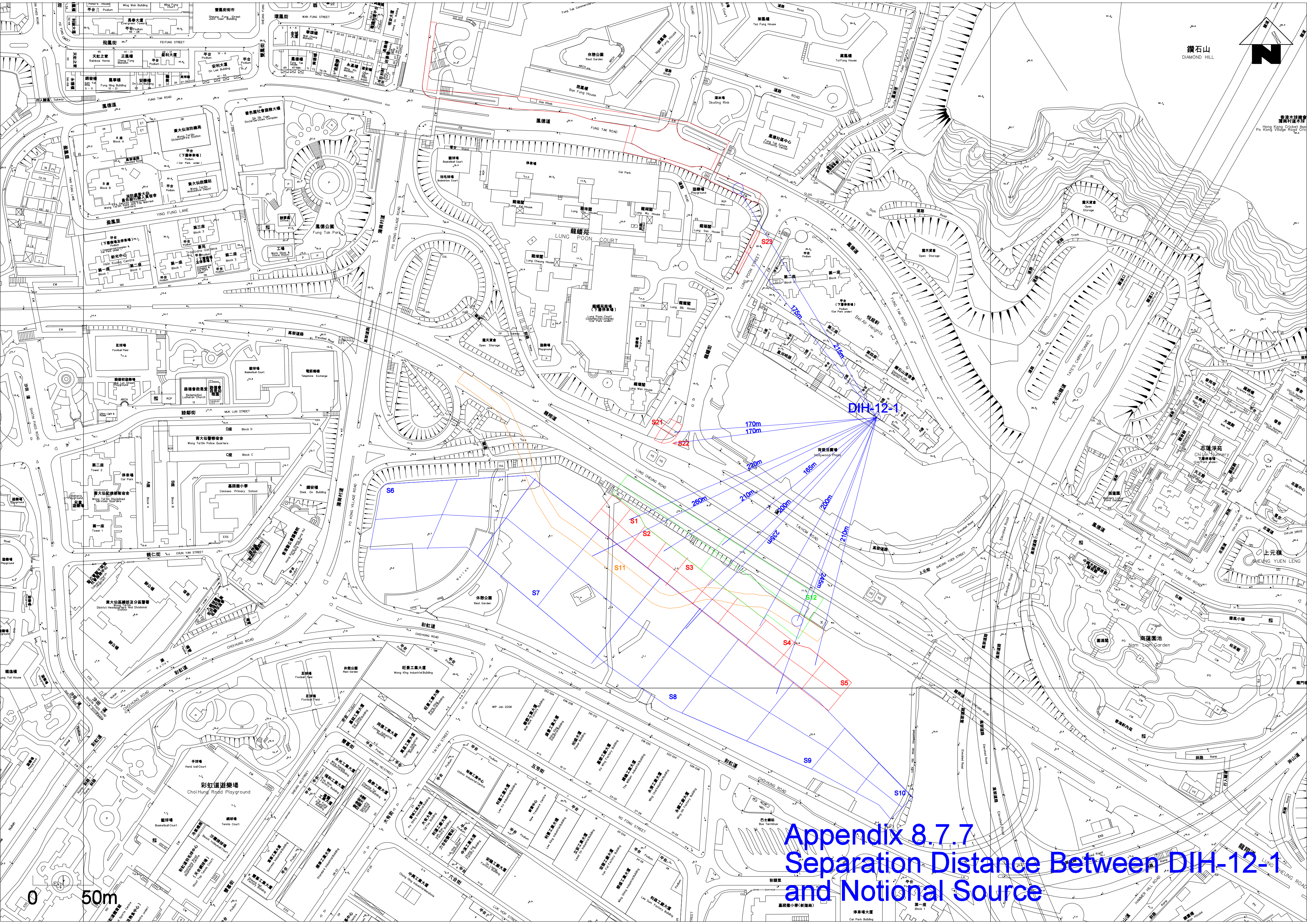
200m

200m

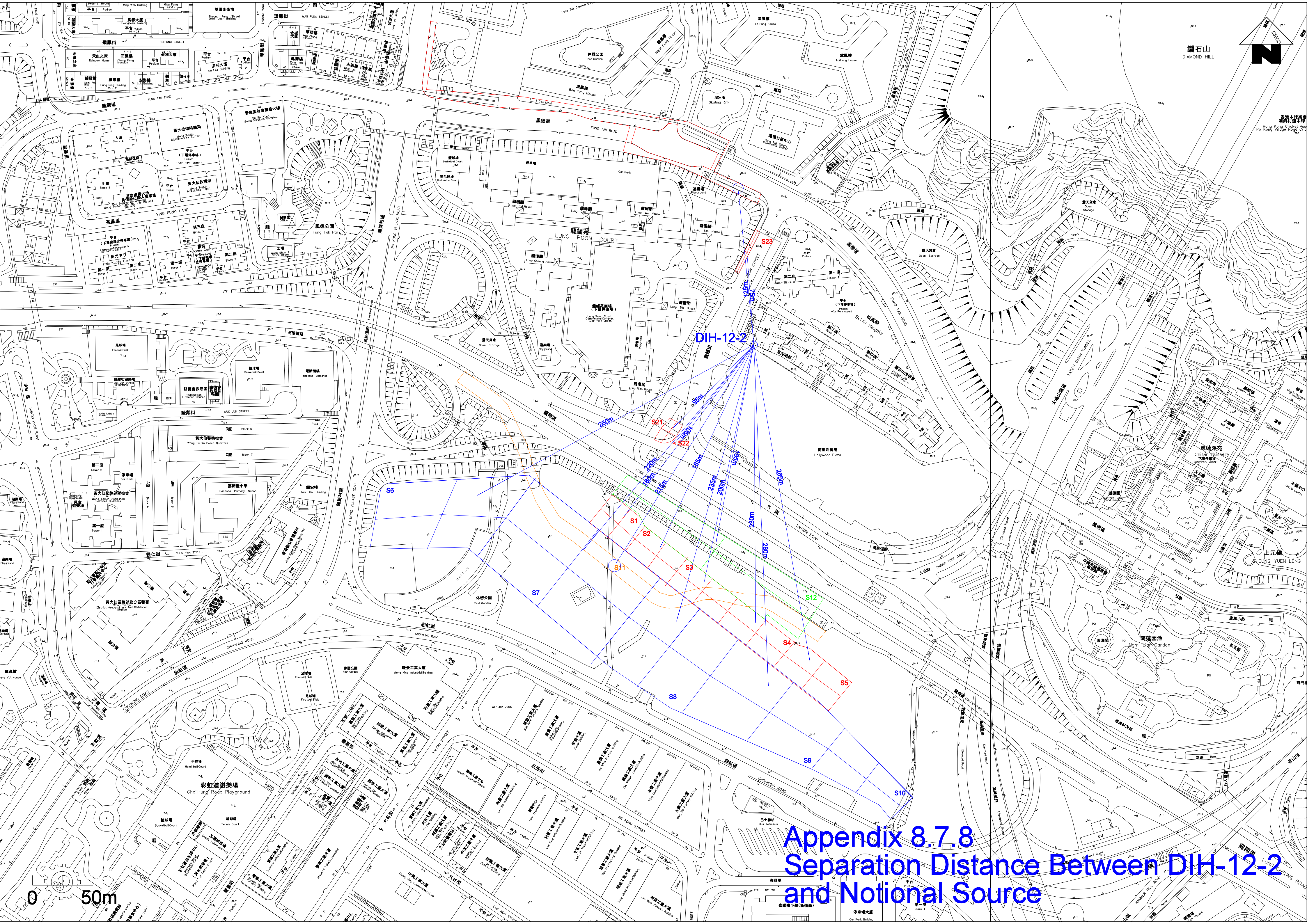
200m

Appendix 8.7.6
Separation Distance Between DIH-11-1
and Notional Source

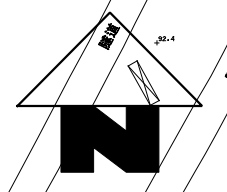
0 50m



Appendix 8.7.7
 Separation Distance Between DIH-12-1
 and Notional Source



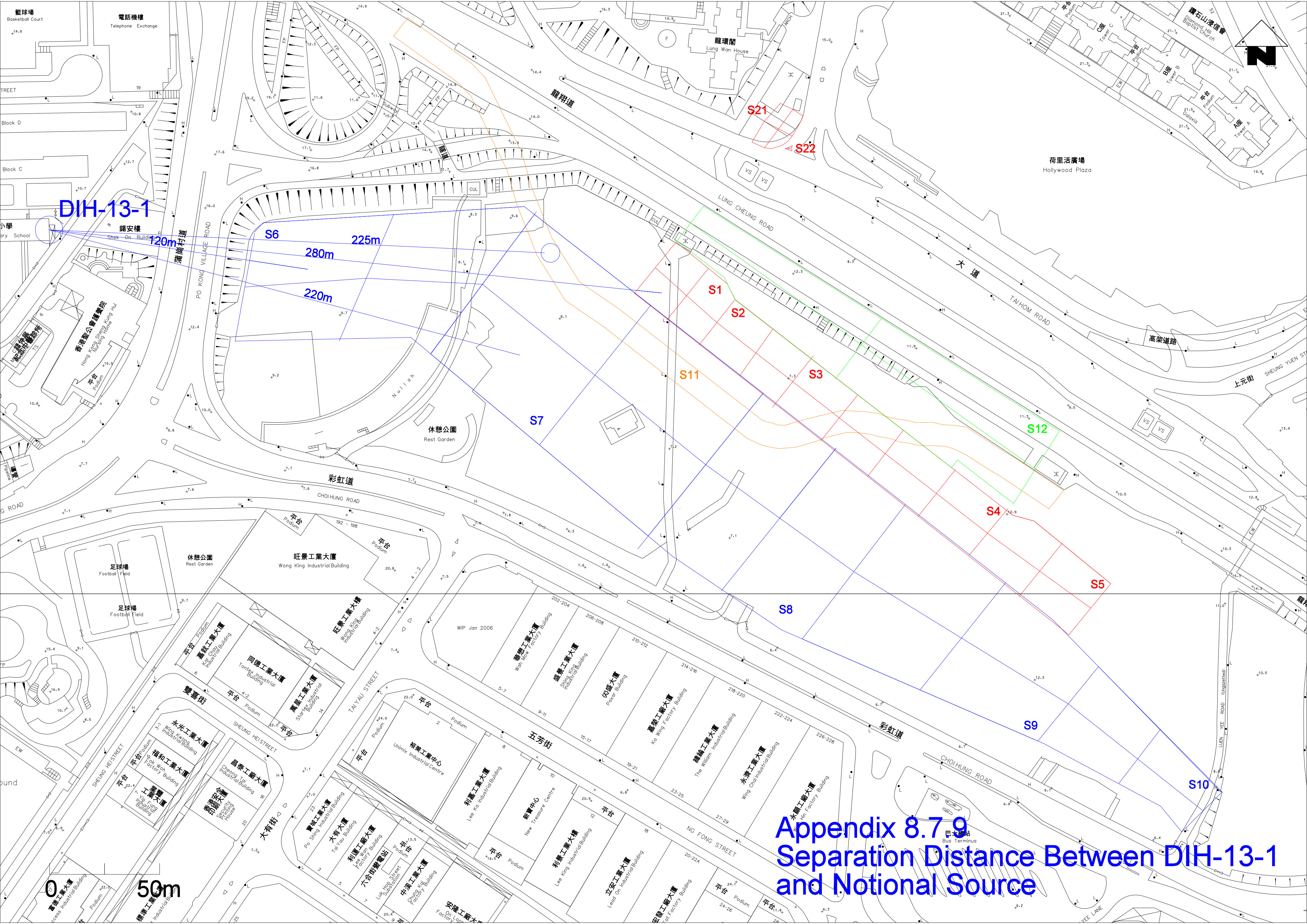
鑽石山
DIAMOND HILL



香港水務局
Hong Kong Waterworks
Po Kong Village Road, Diamond Hill

Appendix 8.7.8
Separation Distance Between DIH-12-2
and Notional Source

0 50m



DIH-13-1

120m

S6

280m

225m

220m

S7

S1

S2

S11

S3

S12

S4

S5

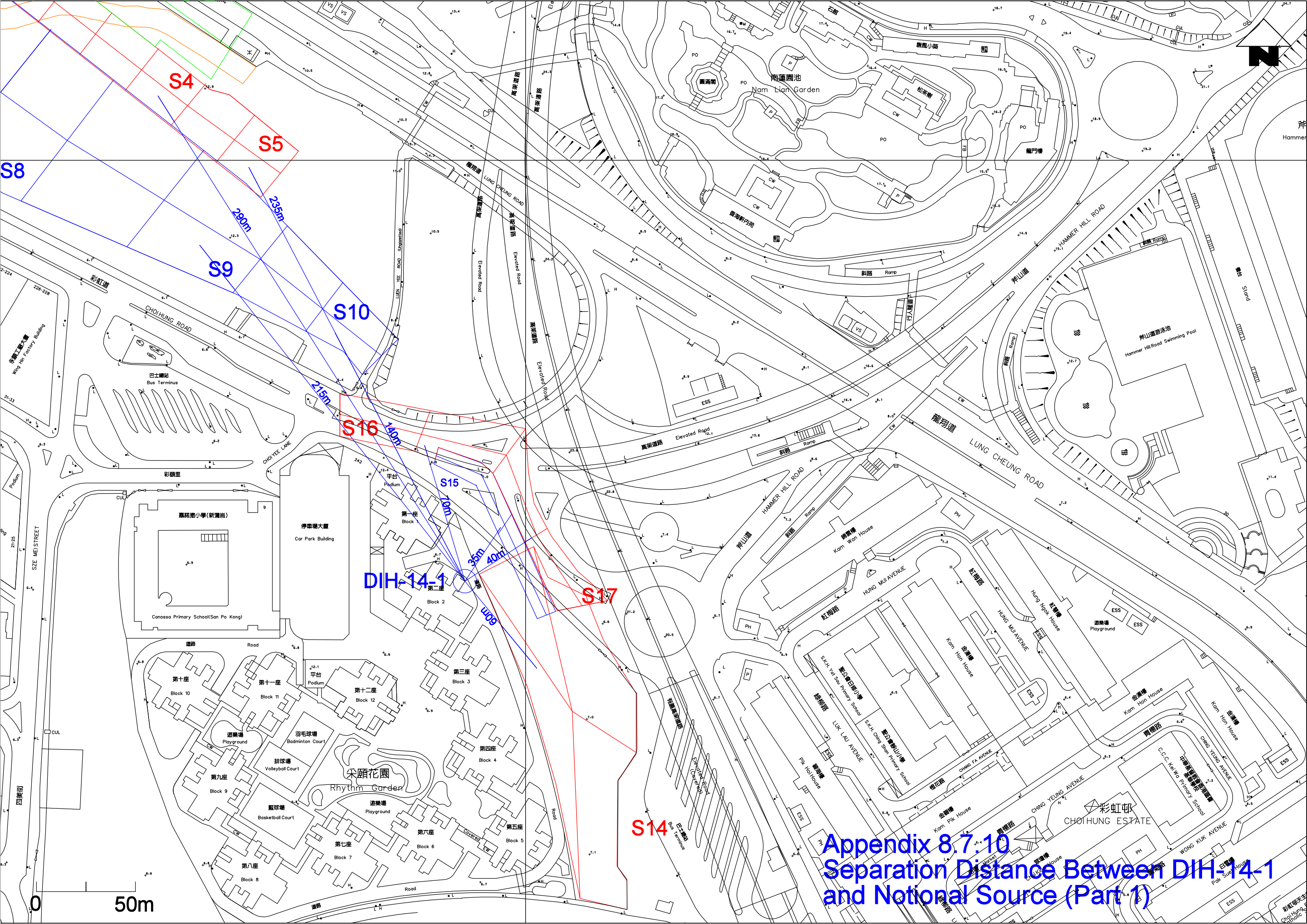
S8

S9

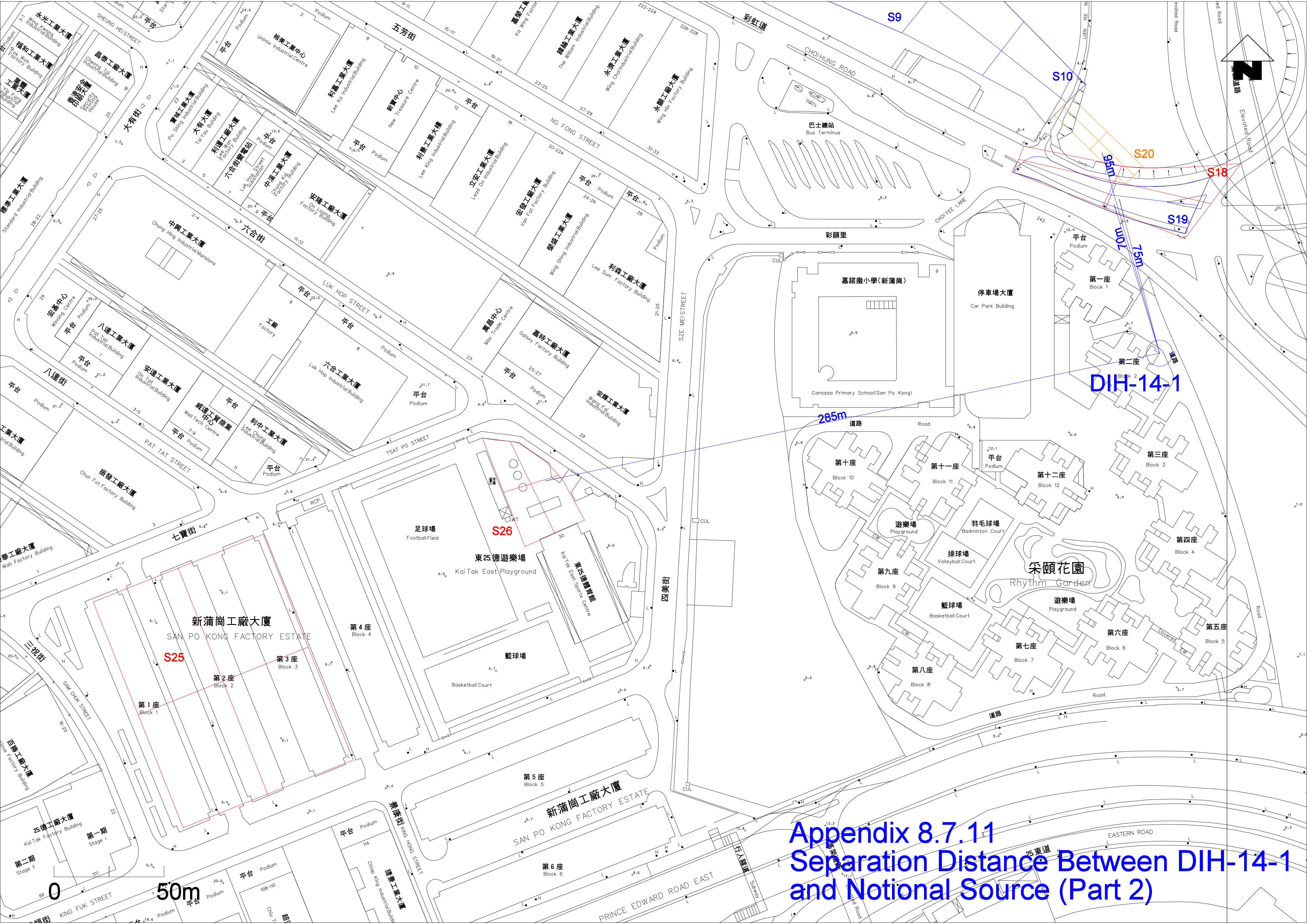
S10

Appendix 8.7.9
Separation Distance Between DIH-13-1
and Notional Source

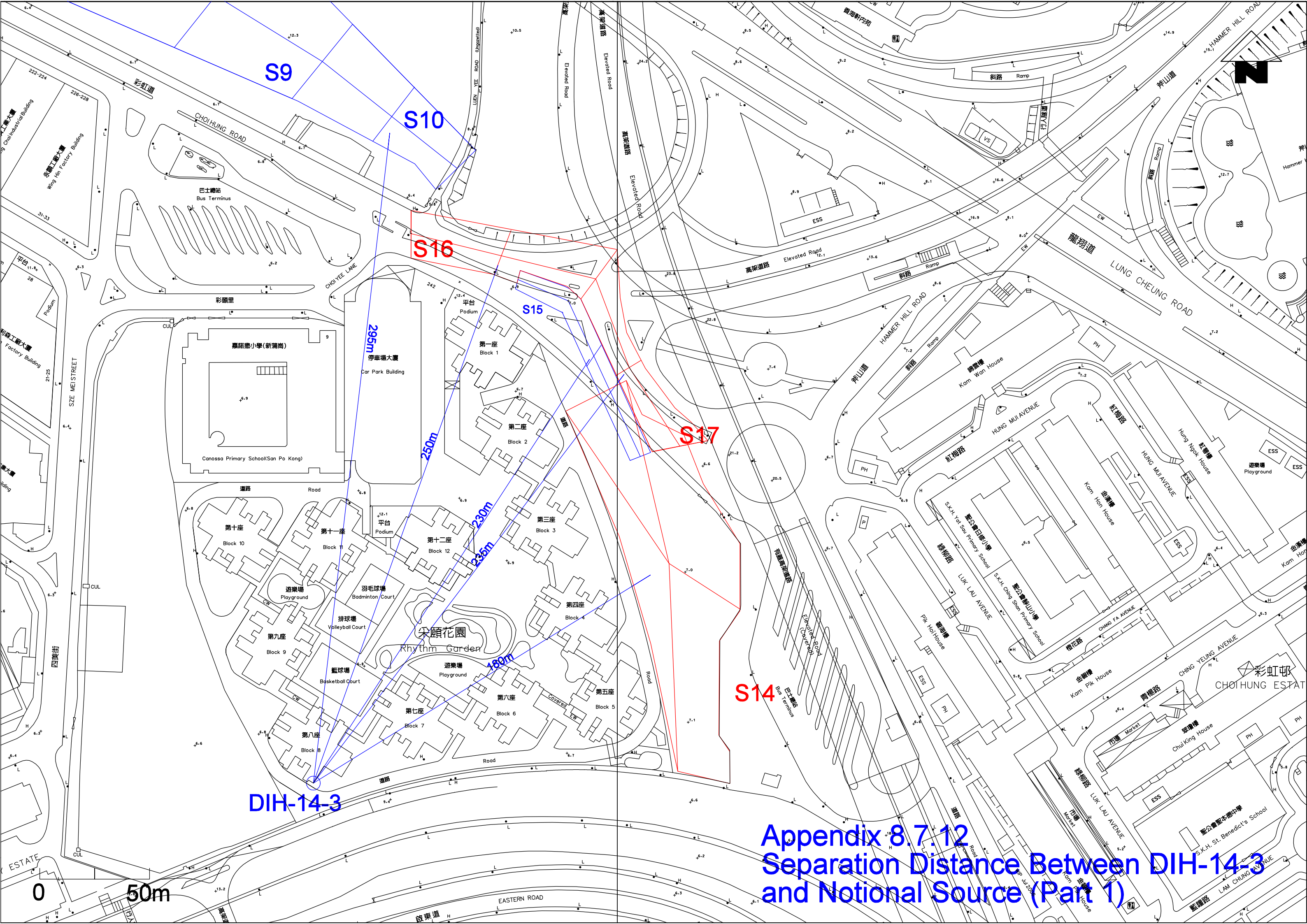
0 50m



Appendix 8.7.10
 Separation Distance Between DIH-14-1
 and National Source (Part 1)



Appendix 8.7.11
 Separation Distance Between DIH-14-1
 and Notional Source (Part 2)



S9

S10

S16

S15

S17

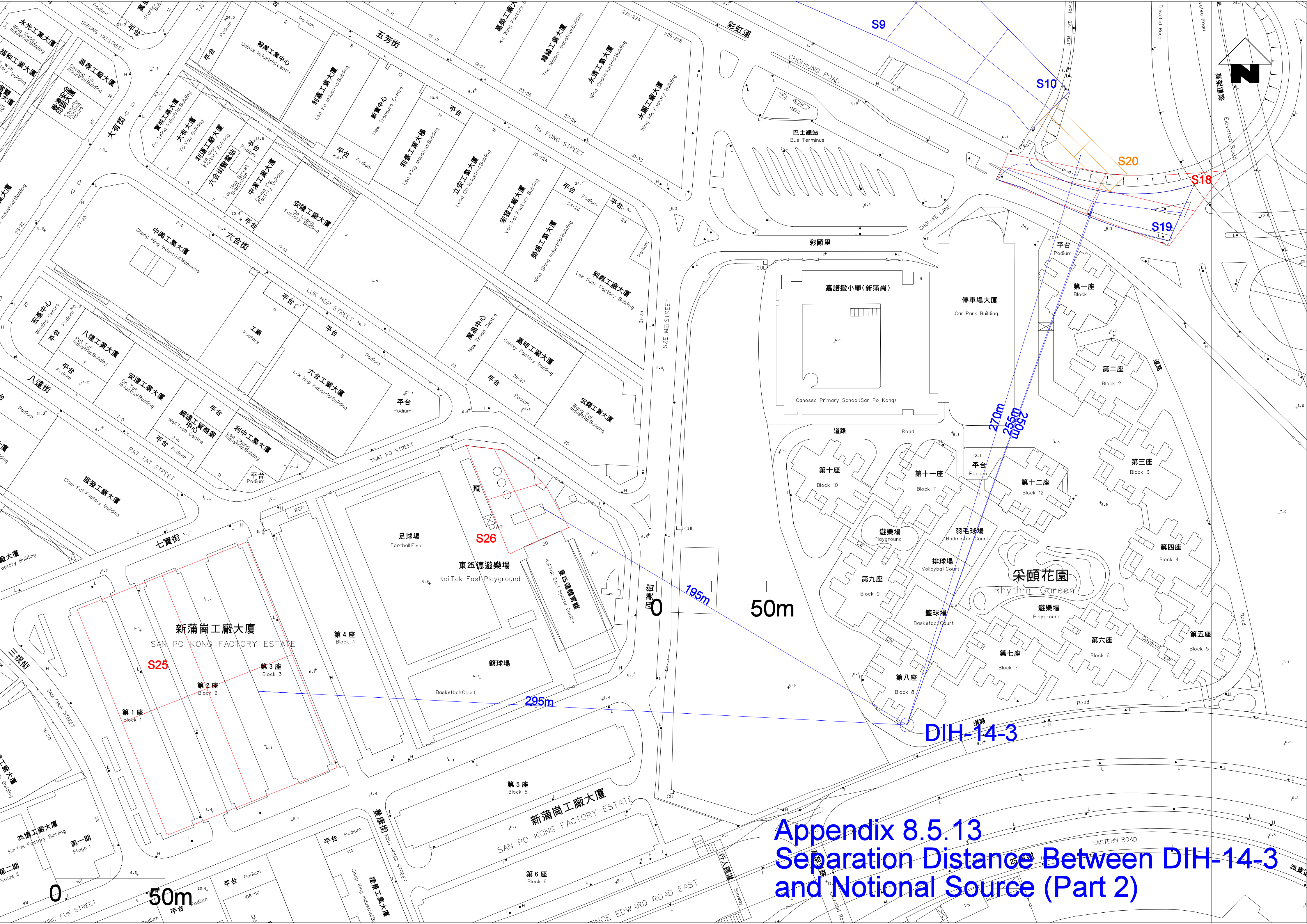
S14

DIH-14-3

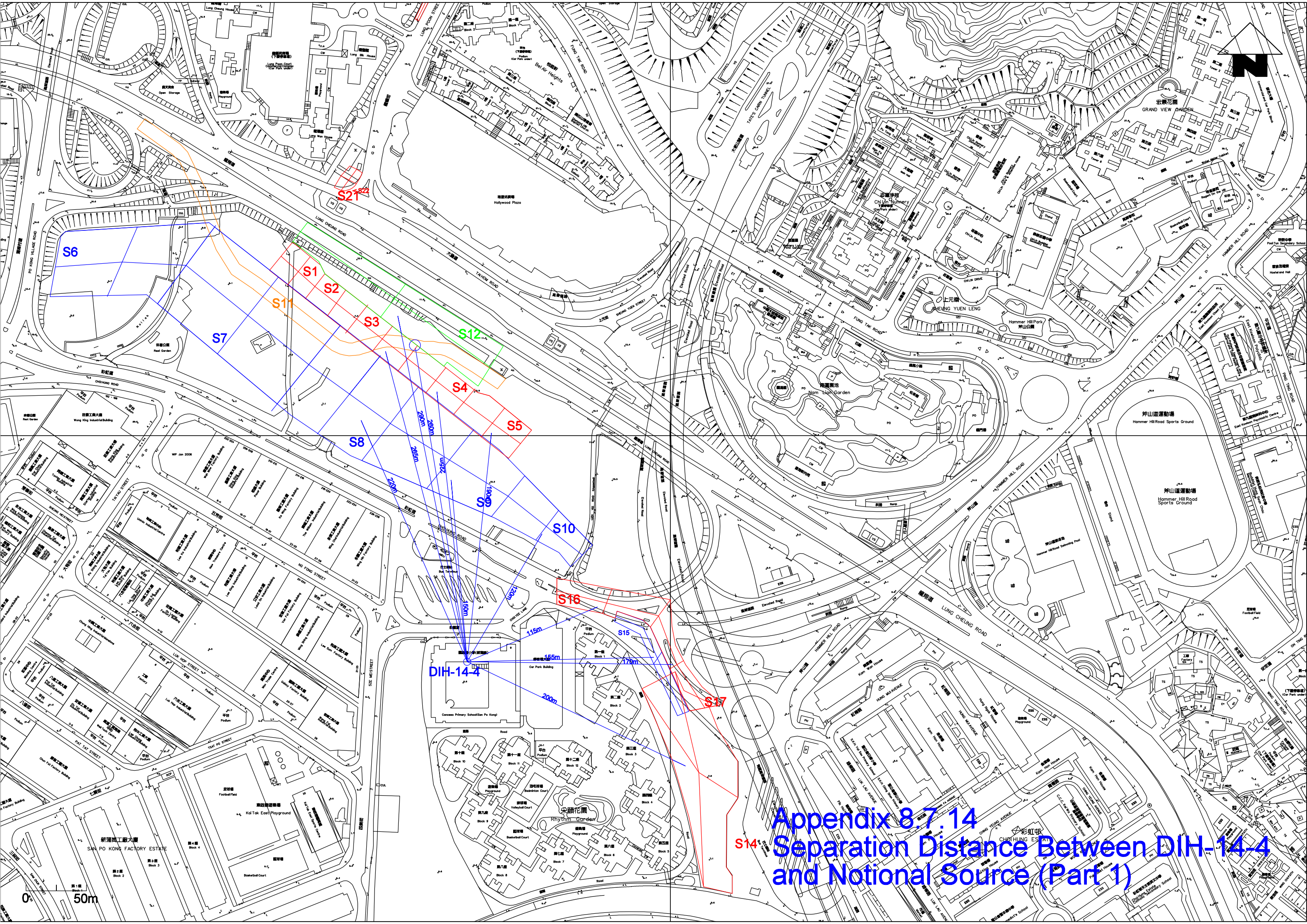
Appendix 8.7.12
 Separation Distance Between DIH-14-3
 and Notional Source (Part 1)

0 50m

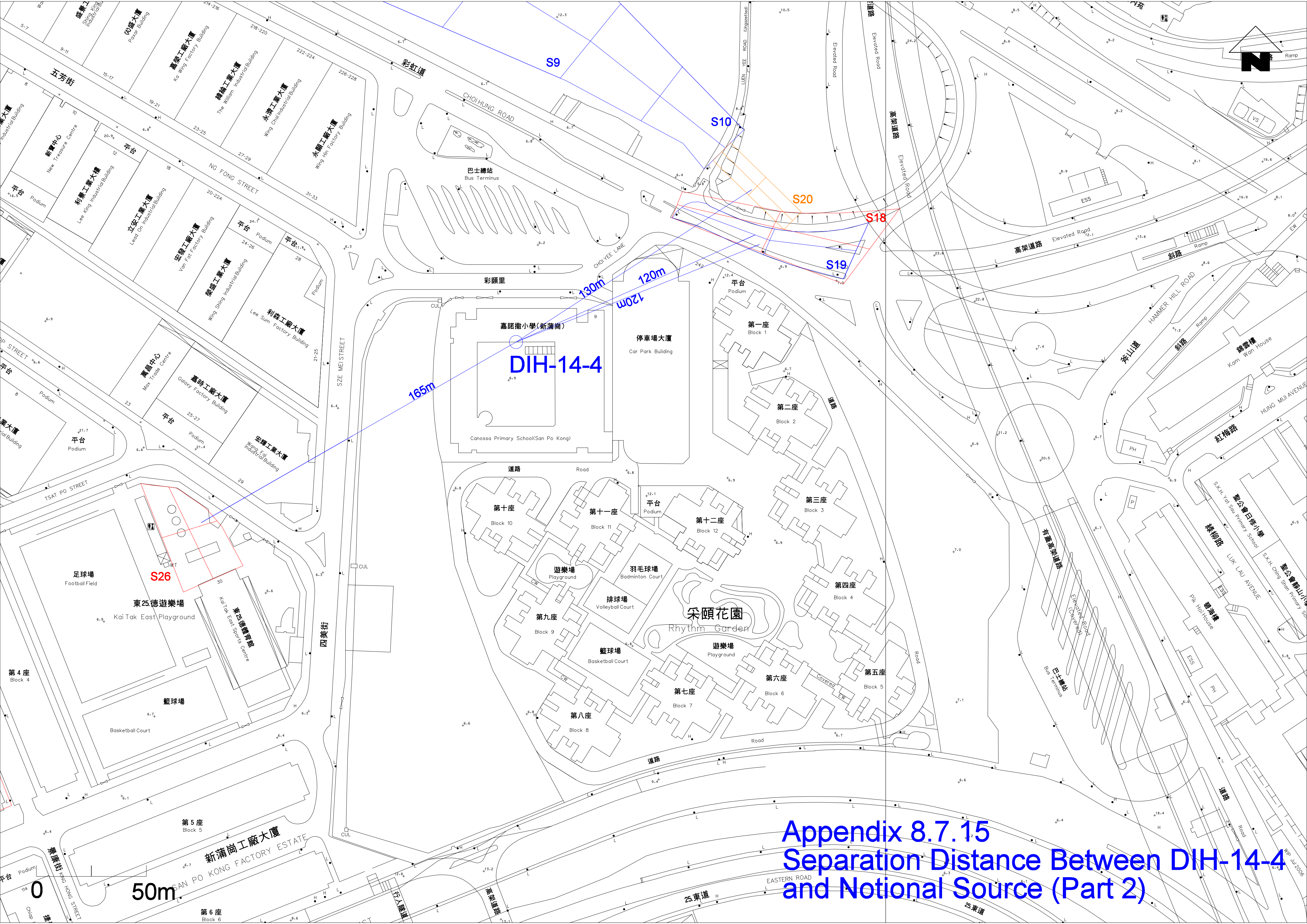




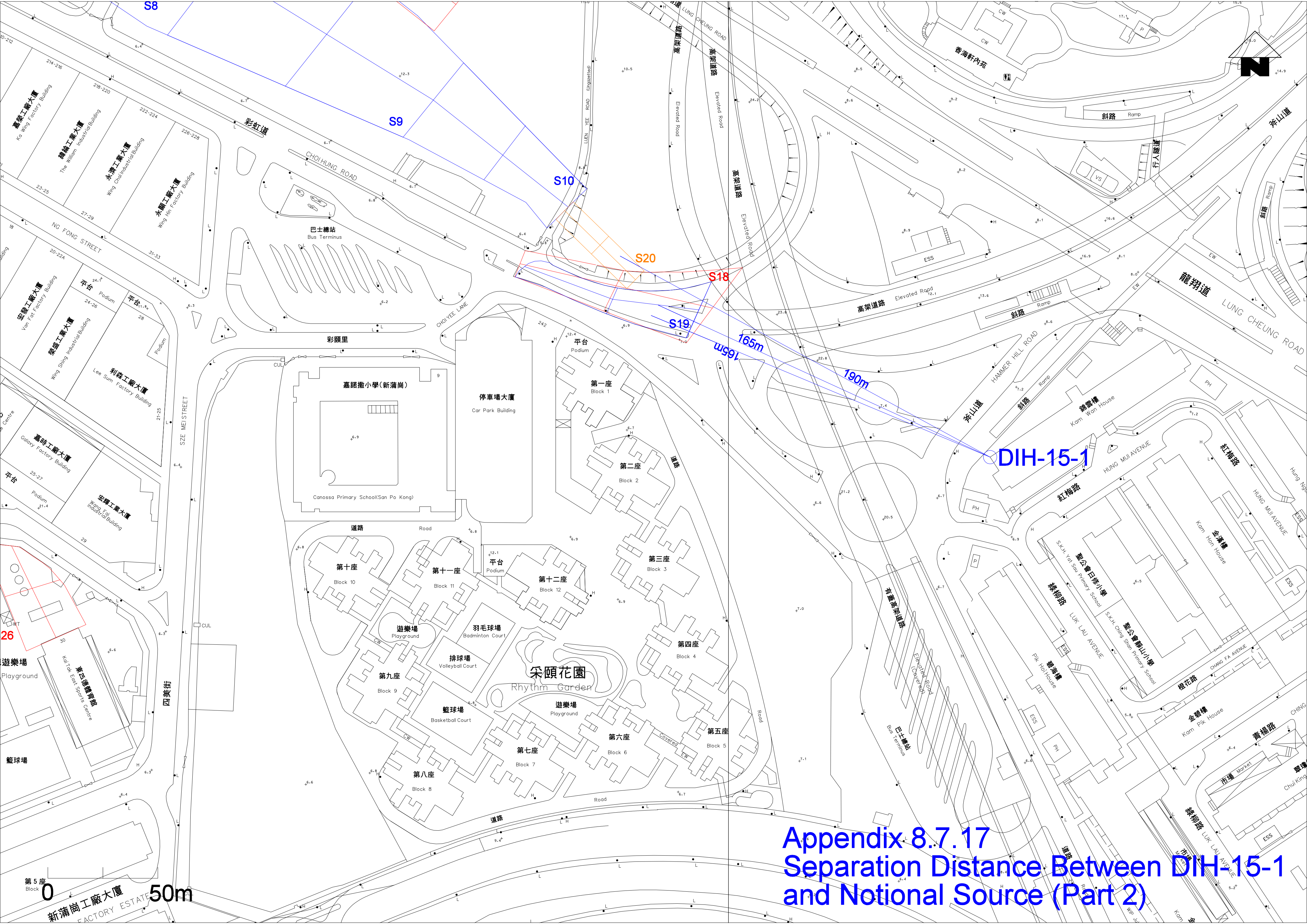
Appendix 8.5.13
 Separation Distance Between DIH-14-3
 and Notional Source (Part 2)



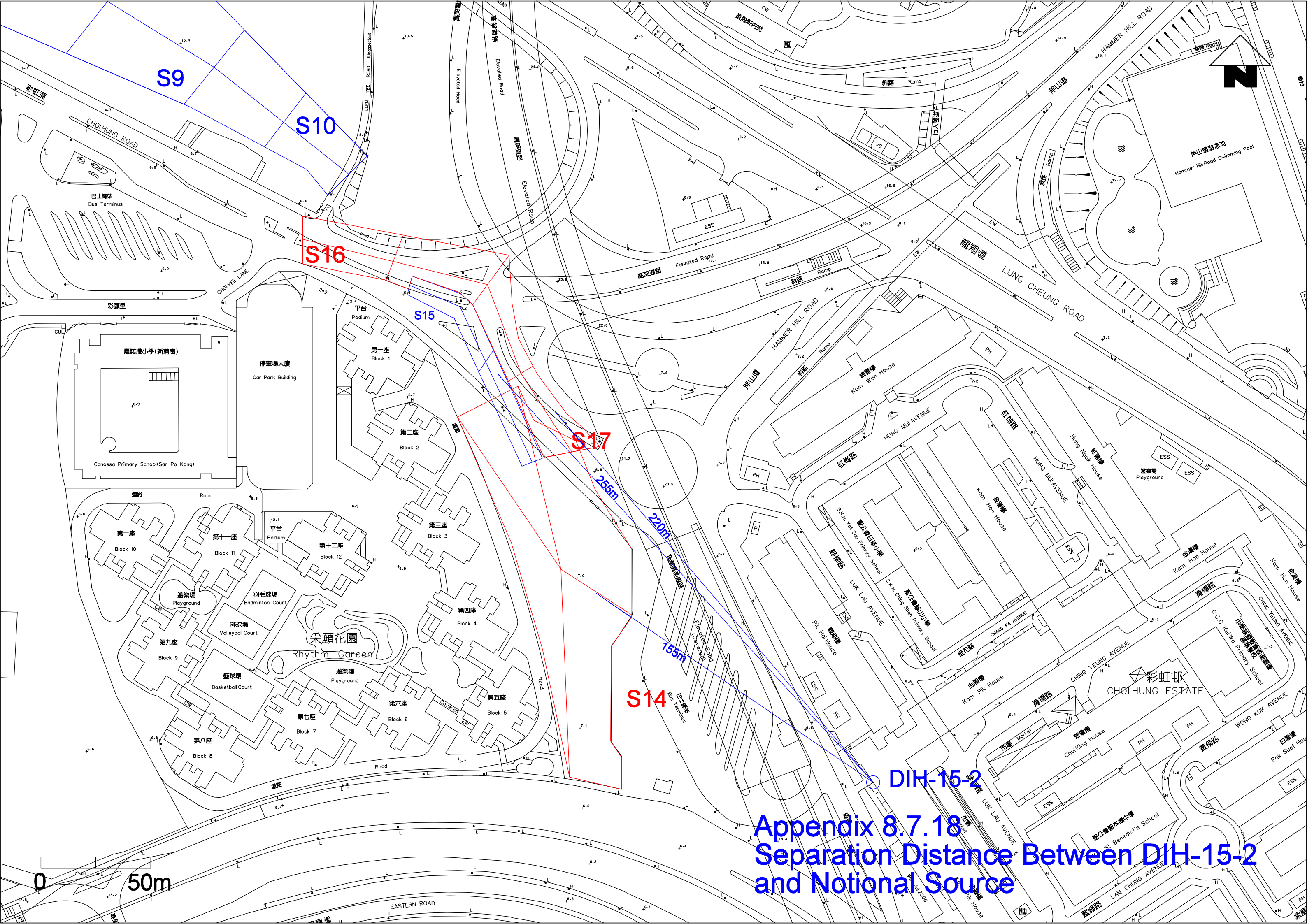
Appendix 8.7.14
 Separation Distance Between DIH-14-4
 and Notional Source (Part 1)



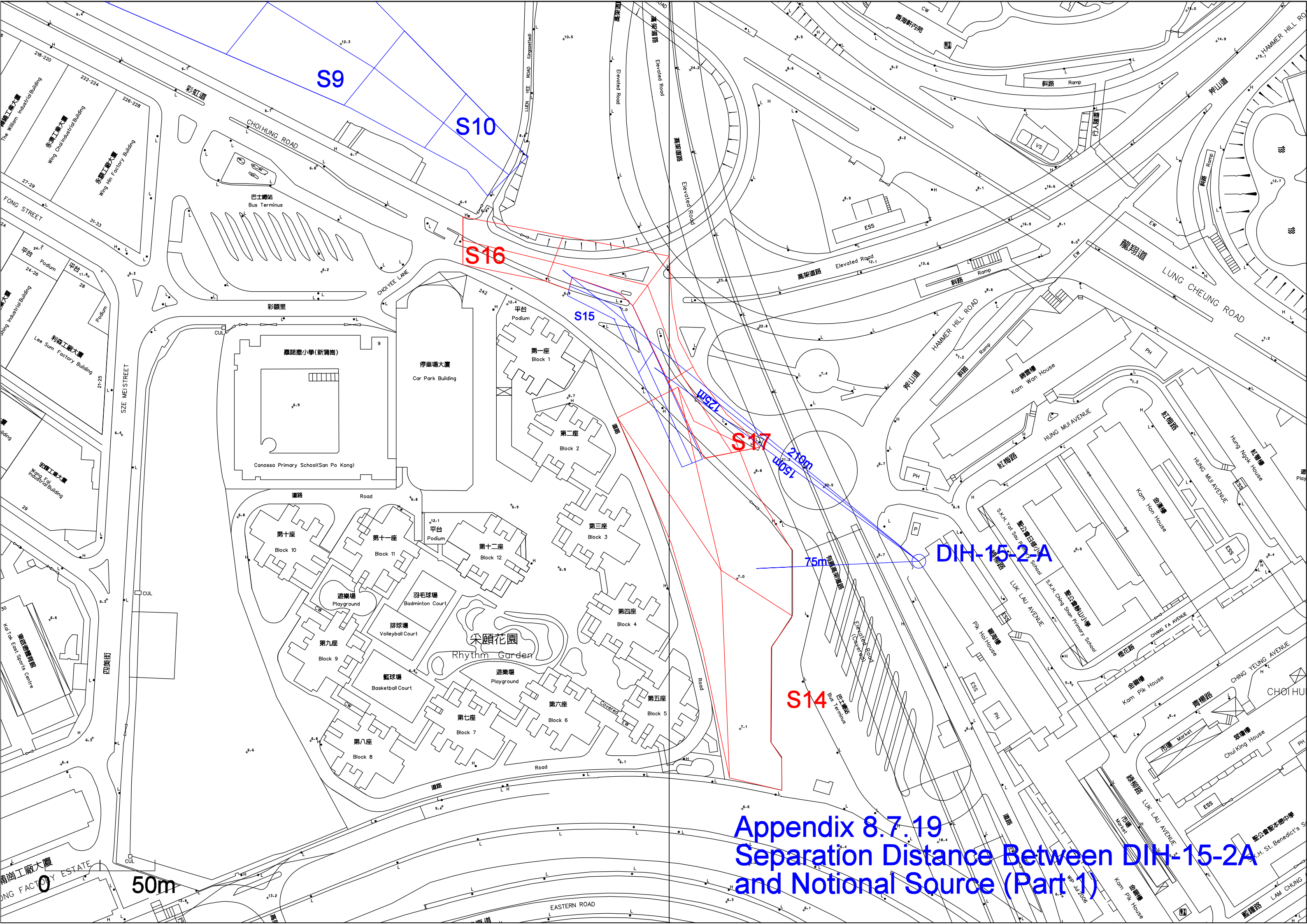
Appendix 8.7.15
Separation Distance Between DIH-14-4
and Notional Source (Part 2)



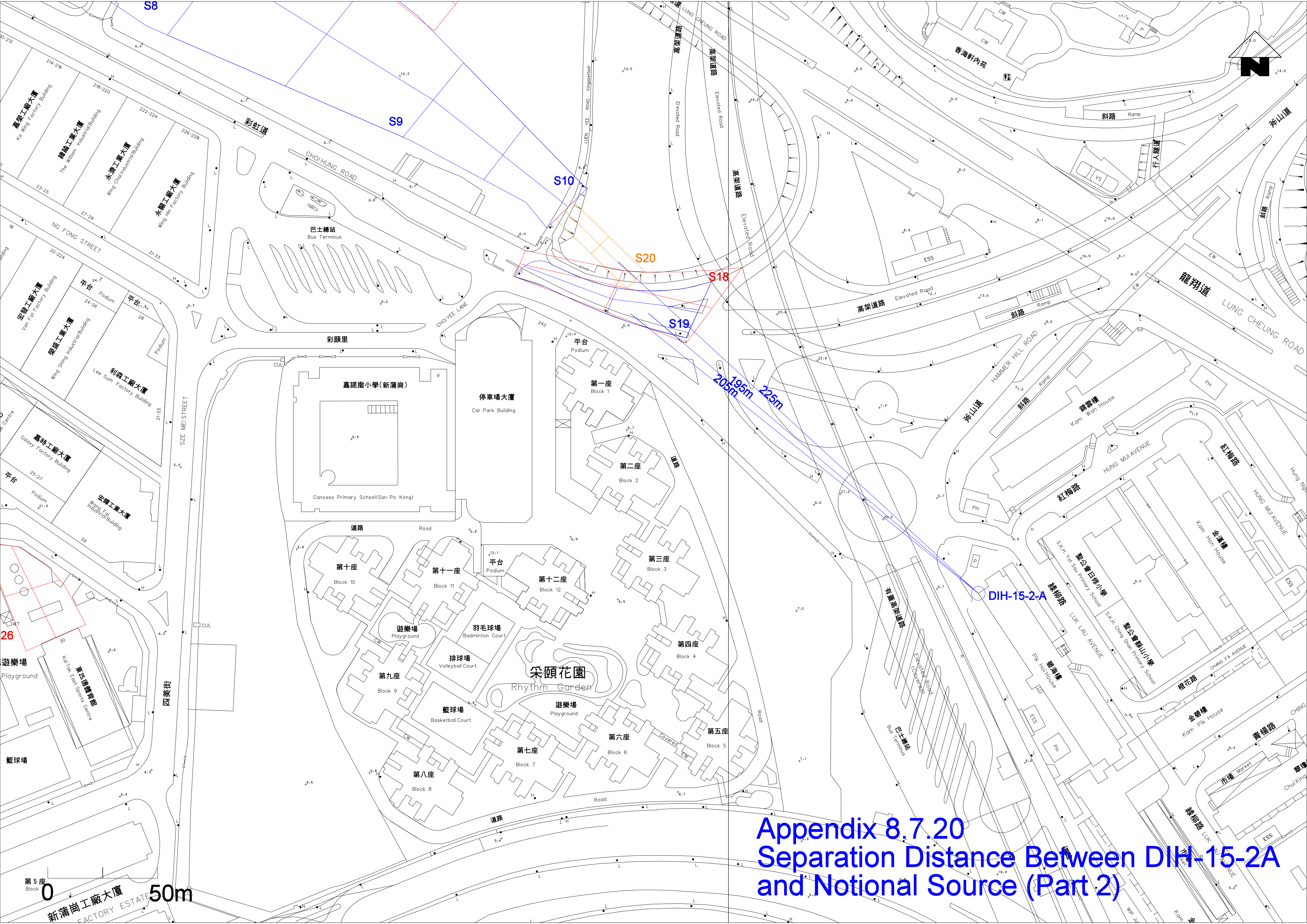
Appendix 8.7.17
 Separation Distance Between DIH-15-1
 and Notional Source (Part 2)



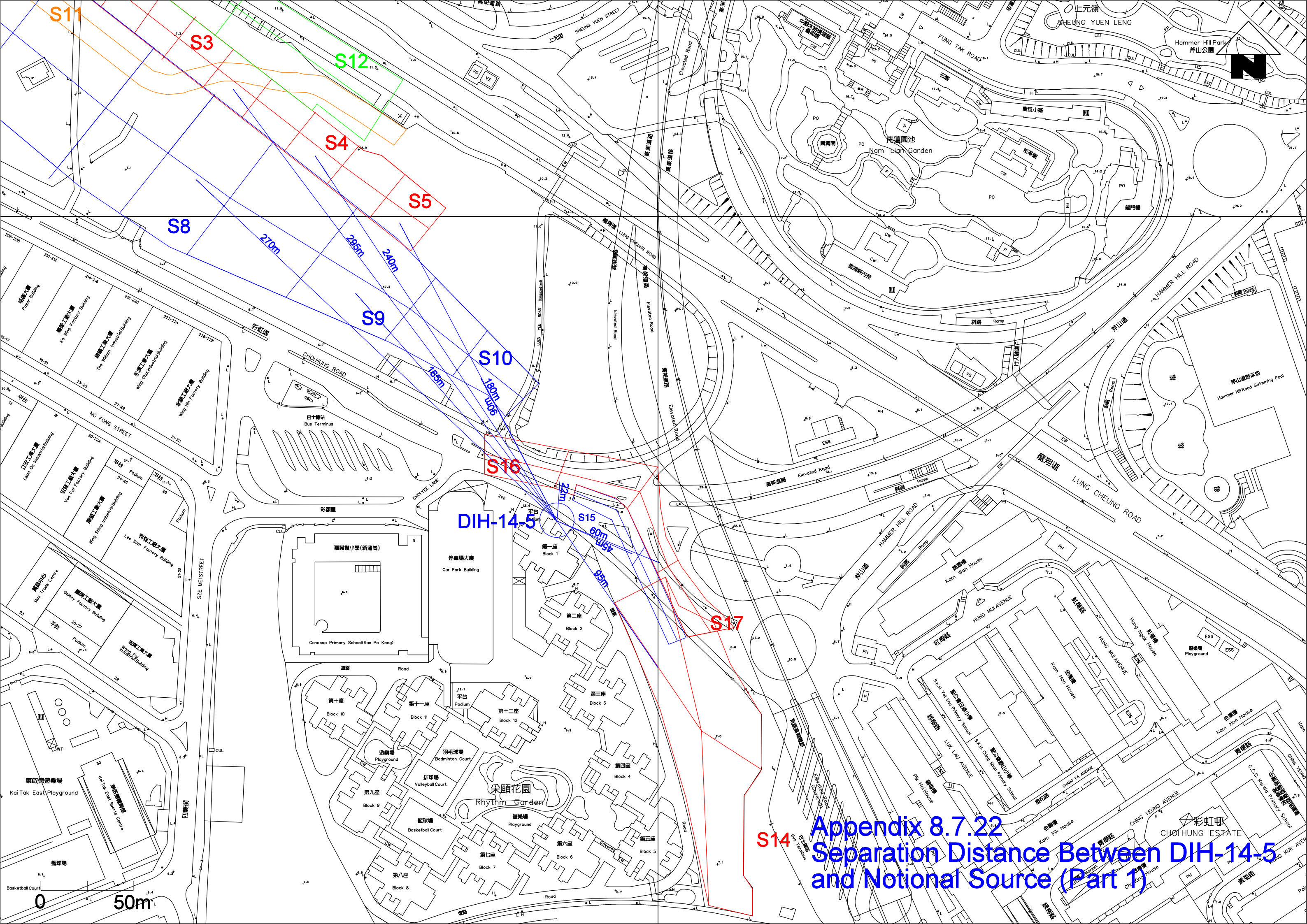
Appendix 8.7.18
Separation Distance Between DIH-15-2
and Notional Source



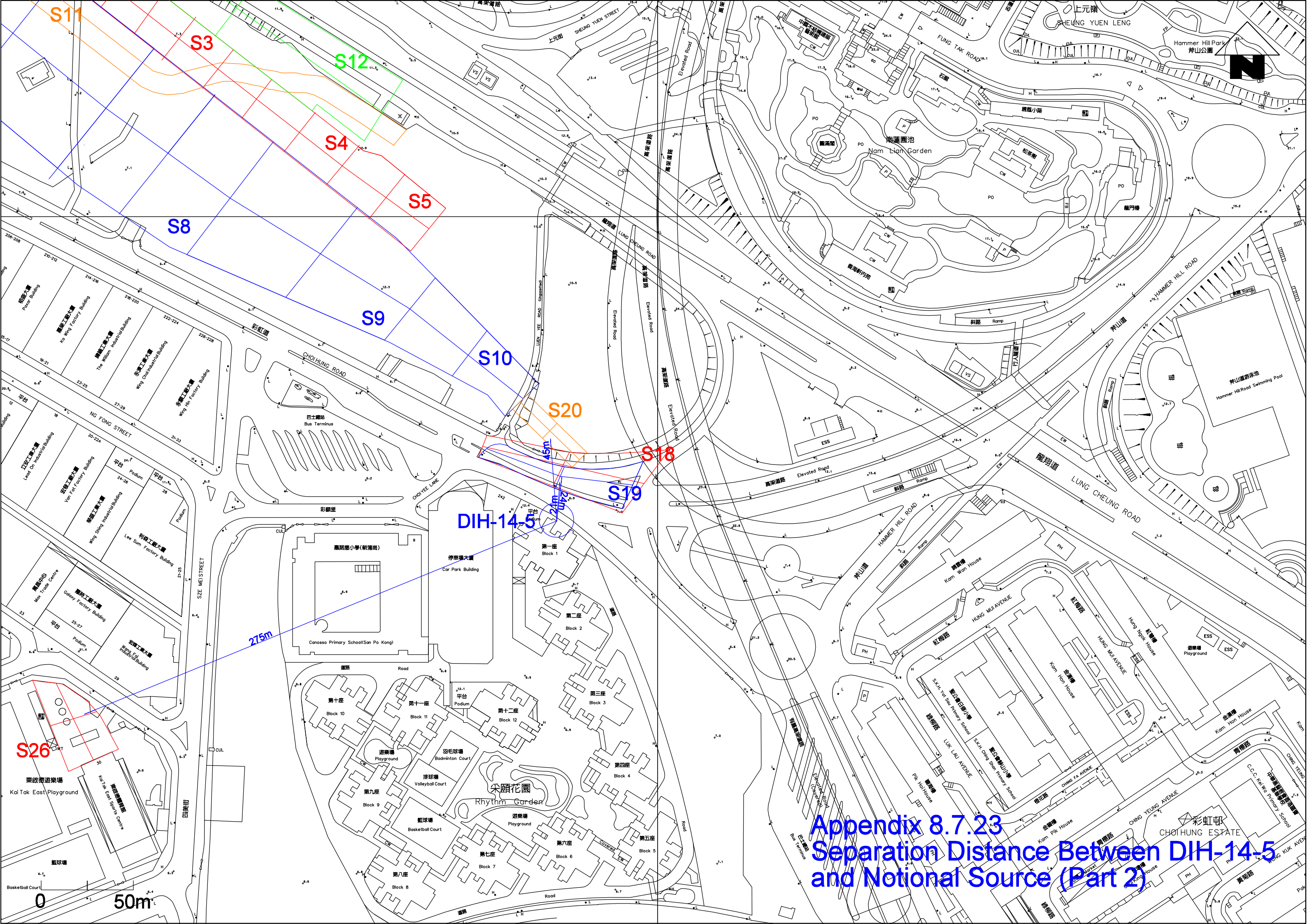
Appendix 8.7.19
Separation Distance Between DIH-15-2A
and Notional Source (Part 1)



Appendix 8.7.20
 Separation Distance Between DIH-15-2A
 and Notional Source (Part 2)



S14 Appendix 8.7.22
 Separation Distance Between DIH-14-5
 and Notional Source (Part 1)



Appendix 8.7.23
Separation Distance Between DIH-14-5
and Notional Source (Part 2)