

**Project :** SCL - Tai Wai to Hung Hom Section  
**Title :** Construction Noise Calculation  
**Subtitle :** Ma Chai Hang Ventilation Building

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

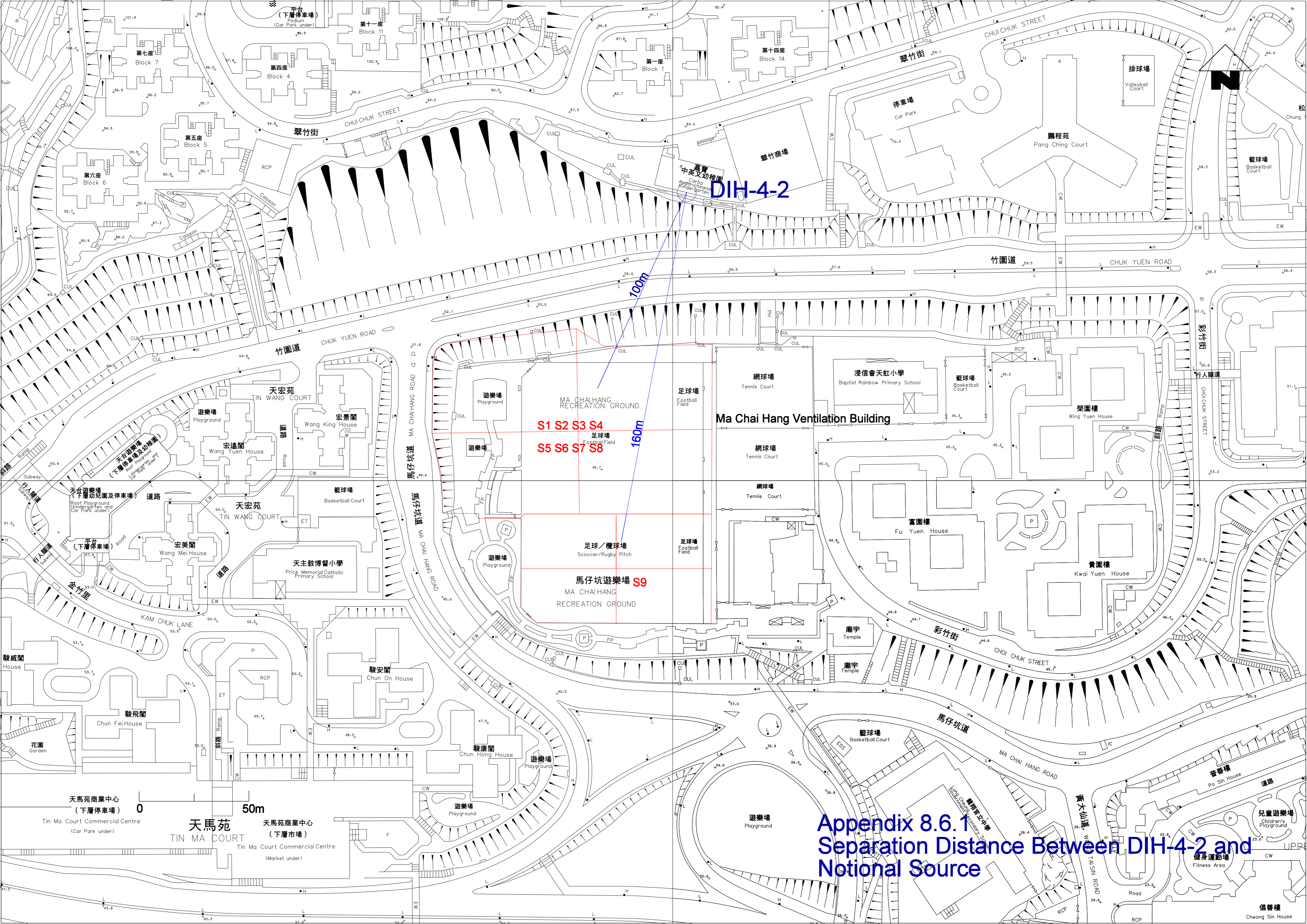
NSRs	Work Site								
	S1	S2	S3	S4	S5	S6	S7	S8	S9
DIH-4-2	100	100	100	100	100	100	100	100	160
DIH-20-1	90	90	90	90	90	90	90	90	110
DIH-21-1	65	65	65	65	65	65	65	65	105
DIH-22-1	85	85	85	85	85	85	85	85	95
DIH-23-1	95	95	95	95	95	95	95	95	80

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

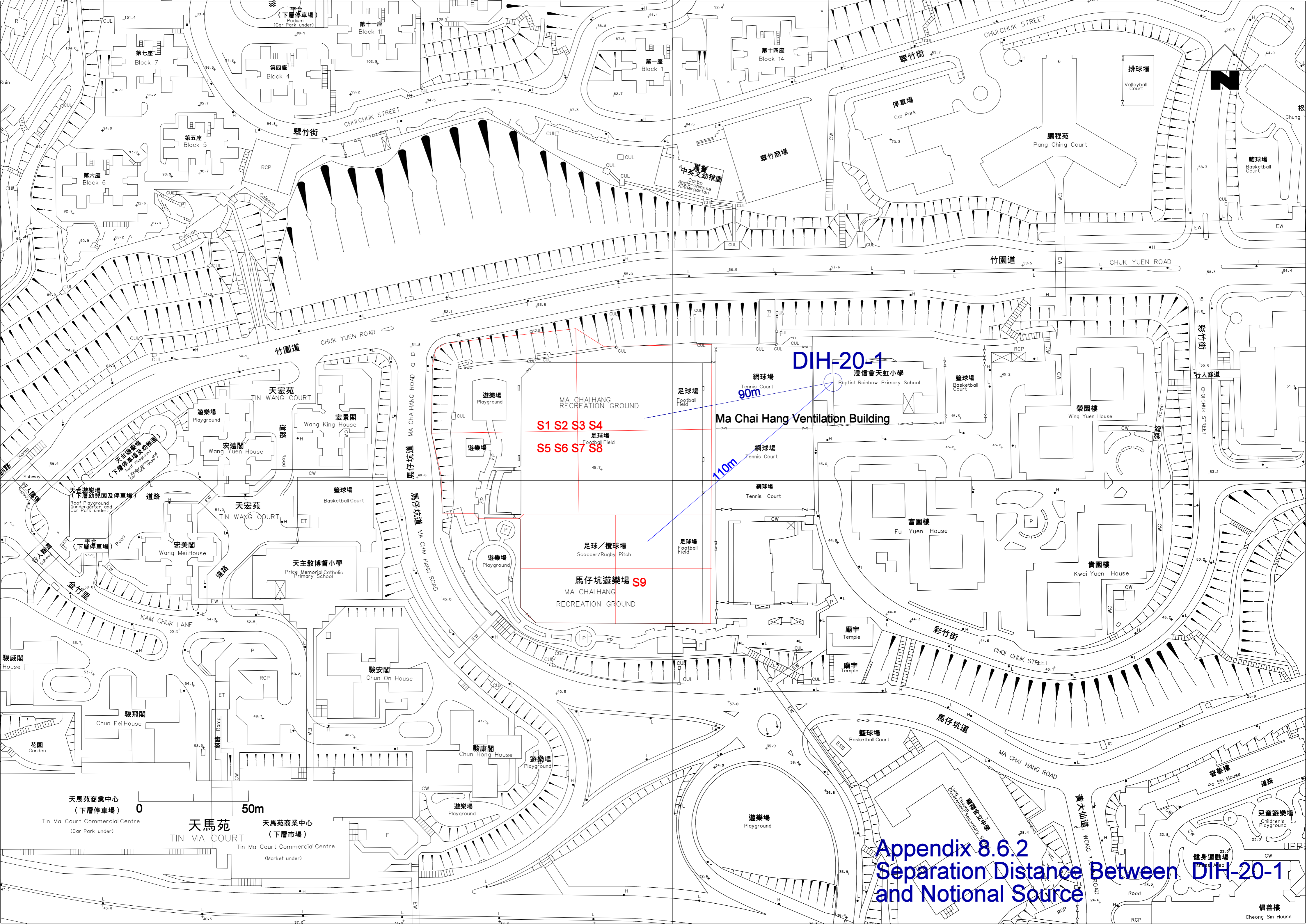
NSRs	Work Site								
	S1	S2	S3	S4	S5	S6	S7	S8	S9
DIH-4-2	-45	-45	-45	-45	-45	-45	-45	-45	-49
DIH-20-1	-44	-44	-44	-44	-44	-44	-44	-44	-46
DIH-21-1	-41	-41	-41	-41	-41	-41	-41	-41	-45
DIH-22-1	-44	-44	-44	-44	-44	-44	-44	-44	-45
DIH-23-1	-45	-45	-45	-45	-45	-45	-45	-45	-43

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

NSRs	Work Site								
	S1	S2	S3	S4	S5	S6	S7	S8	S9
DIH-4-2	0	0	0	0	0	0	0	0	0
DIH-20-1	0	0	0	0	0	0	0	0	0
DIH-21-1	0	0	0	0	0	0	0	0	0
DIH-22-1	0	0	0	0	0	0	0	0	0
DIH-23-1	0	0	0	0	0	0	0	0	0



Appendix 8.6.1  
Separation Distance Between DIH-4-2 and  
Notional Source



**DIH-20-1**

浸信會天虹小學  
Baptist Rainbow Primary School

**Ma Chai Hang Ventilation Building**

**S1 S2 S3 S4**

**S5 S6 S7 S8**

**馬仔坑遊樂場 S9**

MA CHAI HANG RECREATION GROUND

90m

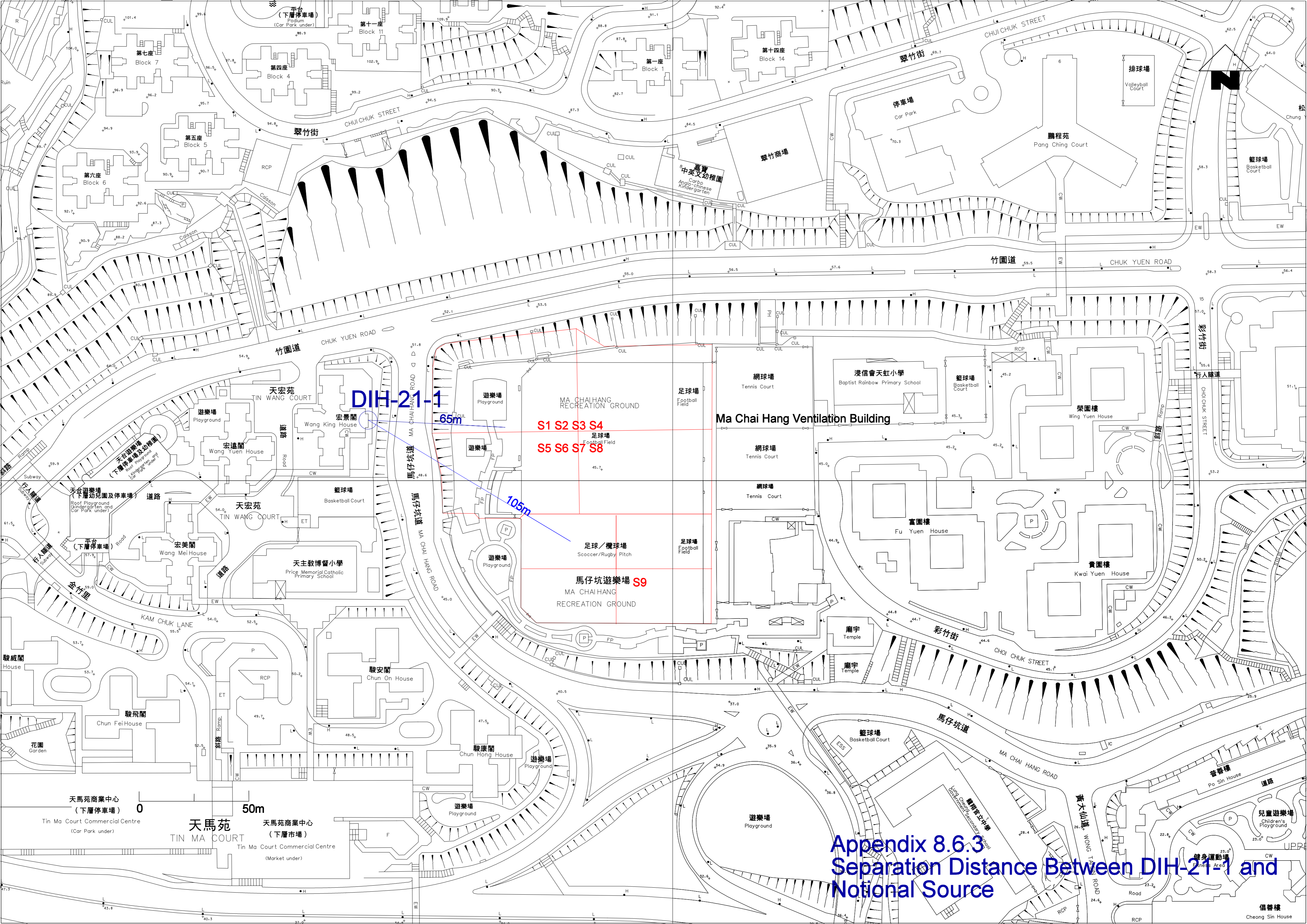
110m

天馬苑商業中心  
(下層停車場)  
Tin Ma Court Commercial Centre  
(Car Park under)

**天馬苑**  
TIN MA COURT

天馬苑商業中心  
(下層市場)  
Tin Ma Court Commercial Centre  
(Market under)

**Appendix 8.6.2**  
**Separation Distance Between DIH-20-1**  
**and Notional Source**



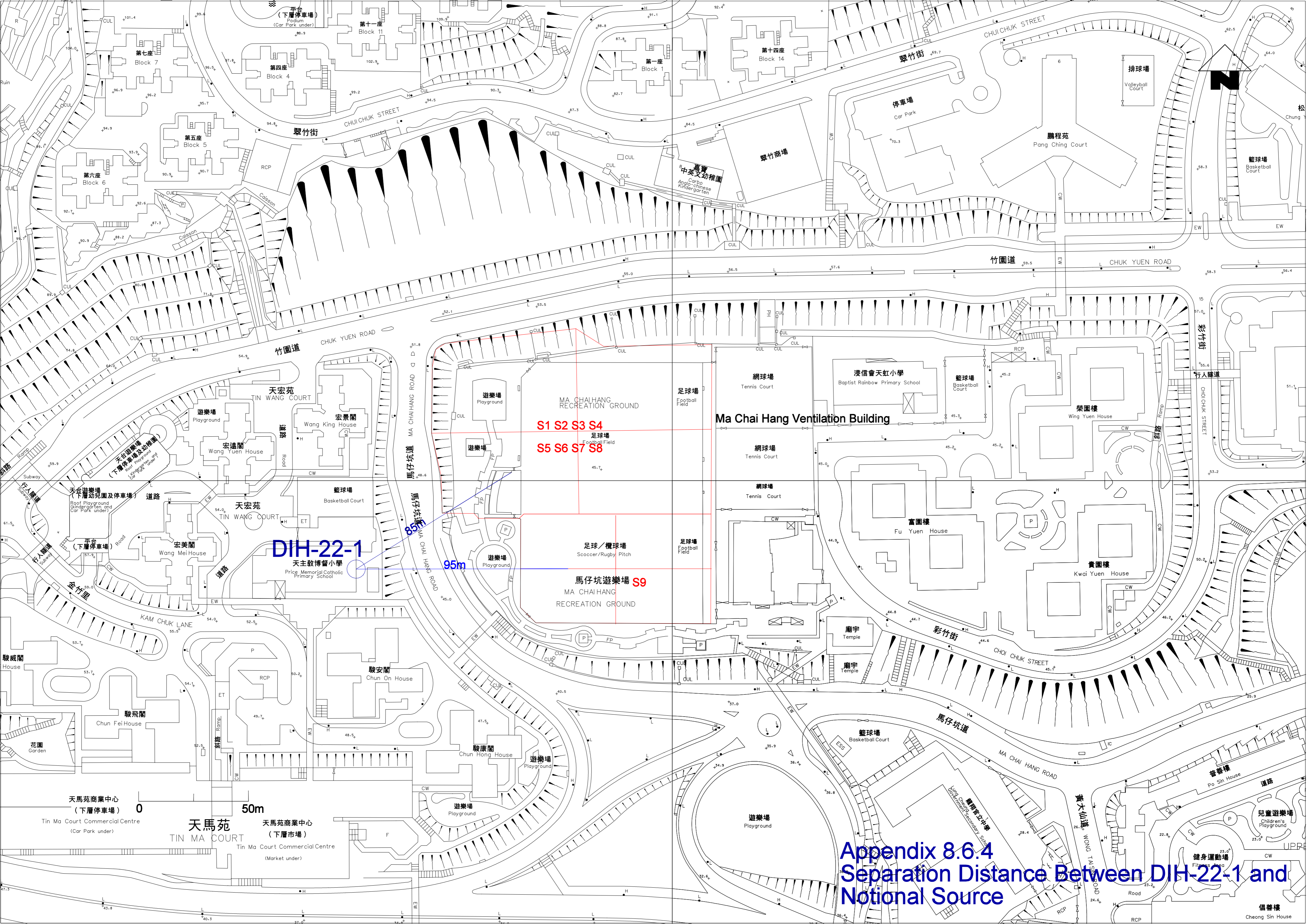
DIH-21-1

S1 S2 S3 S4  
S5 S6 S7 S8

馬仔坑遊樂場 S9  
MA CHAI HANG RECREATION GROUND

Ma Chai Hang Ventilation Building

Appendix 8.6.3  
Separation Distance Between DIH-21-1 and  
Notional Source



**DIH-22-1**

**Ma Chai Hang Ventilation Building**

S1 S2 S3 S4

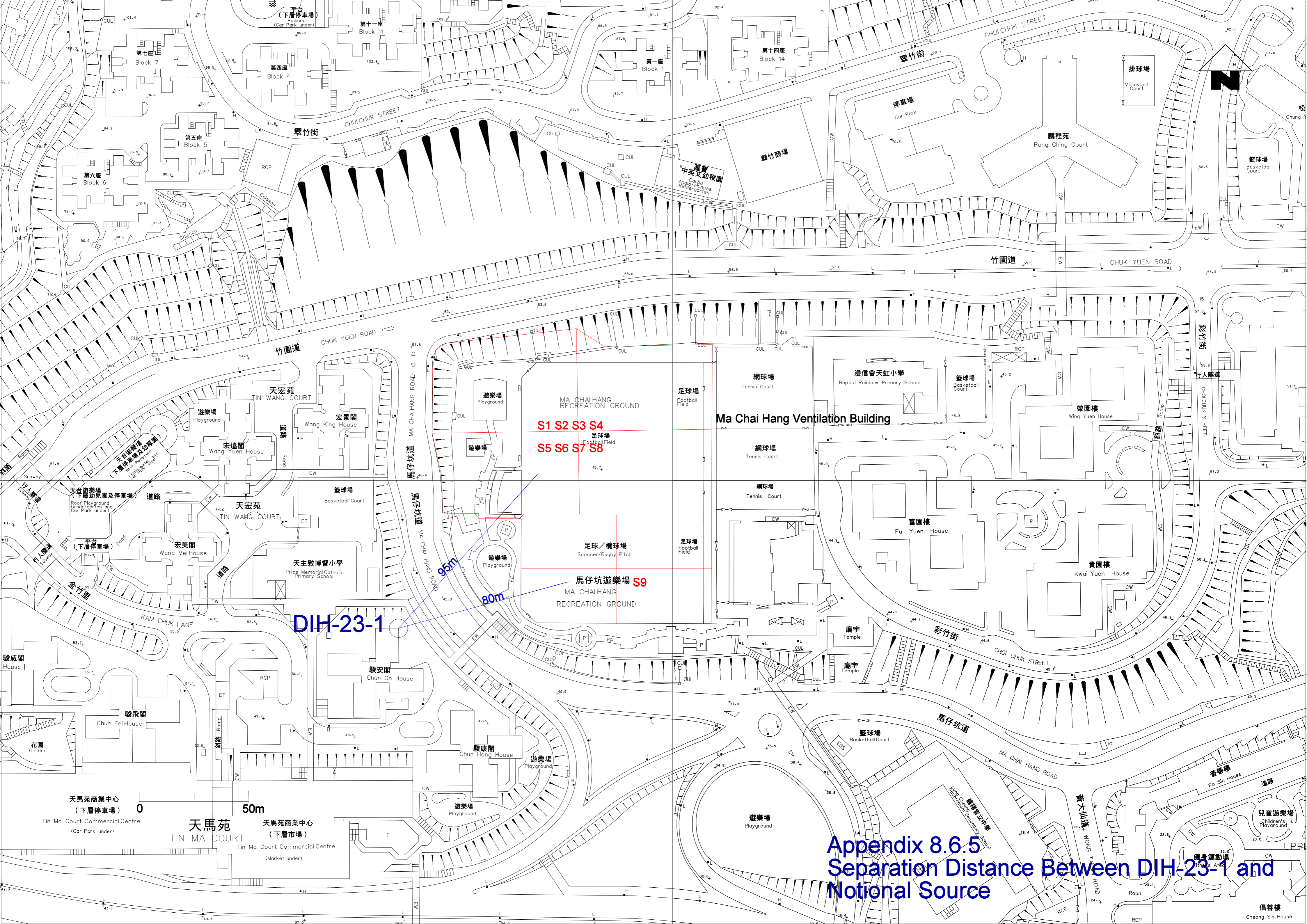
S5 S6 S7 S8

**S9**

85m

95m

**Appendix 8.6.4**  
**Separation Distance Between DIH-22-1 and**  
**Notional Source**



S1 S2 S3 S4

S5 S6 S7 S8

馬仔坑遊樂場 S9

DIH-23-1

95m

80m

Appendix 8.6.5  
Separation Distance Between DIH-23-1 and  
Notional Source