Appendix G - Noise Monitoring Results

				Unit: dB (A) (30-min)								
Date	Time	Weather	Mea	sured Noise	Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾				
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	Measured Noise Level (2) L eq N/A 62.5				
6-Feb-12	17:09	Cloudy	59.3	62.5	56.3	70.0	N/A	N/A				
16-Feb-12	07:00	Cloudy	68.1	70.2	65.3	65.0	66.7	62.5				
21-Feb-12	07:00	Cloudy	63.5	67.5	52.6	70.0	N/A	N/A				
28-Feb-12	07:00	Cloudy	57.2	59.1	49.8	70.0	N/A	N/A				

Location NC2	- The Lege	end						
							Unit: dB (A) (30-min)	
Date	Time	Weather	Mea	sured Noise	Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}
6-Feb-12	16:30	Cloudy	61.0	63.2	57.3	75.0	N/A	N/A
16-Feb-12	07:40	Cloudy	70.9	73.0	66.6	75.0	N/A	N/A
21-Feb-12	07:40	Cloudy	67.4	69.4	63.1	75.0	N/A	N/A
28-Feb-12	07:40	Cloudy	64.0	66.2	57.4	75.0	N/A	N/A

						Į	Jnit: dB (A) (30-min)	
Date	Time	Weather	Measured Noise Level			Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	Corrected Measured Noise Level (2) L eq N/A N/A N/A N/A
6-Feb-12	17:10	Rainy	50.2	52.8	47.1	75.0	N/A	N/A
16-Feb-12	08:00	Cloudy	62.0	65.6	51.3	75.0	N/A	N/A
21-Feb-12	08:00	Cloudy	62.4	66.8	50.3	75.0	N/A	N/A
28-Feb-12	08:00	Cloudy	53.4	54.7	50.2	75.0	N/A	N/A

						Ĺ	Jnit: dB (A) (30-min)		
Date	Time	Time Weather	Time Weather		sured Noise	Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}	
6-Feb-12	09:00	Rainy	57.3	60.2	52.3	75.0	N/A	N/A	
16-Feb-12	14:30	Cloudy	64.7	66.3	56.3	75.0	N/A	N/A	
21-Feb-12	14:30	Cloudy	64.4	65.8	59.1	75.0	N/A	N/A	
28-Feb-12	13:45	Cloudy	63.5	64.8	59.0	75.0	N/A	N/A	

Location NC5	- Blk D Vill	a Monte Rosa	1								
			Unit: dB (A) (30-min)								
Date	Time	Weather	Mea	Measured Noise Level		Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾			
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}			
6-Feb-12	10:55	Rainy	58.8	61.1	53.2	75.0	N/A	N/A			
16-Feb-12	11:10	Cloudy	56.5	59.1	52.2	75.0	N/A	N/A			
21-Feb-12	11:10	Cloudy	56.2	58.4	53.4	75.0	N/A	N/A			
28-Feb-12	11:10	Cloudy	59.2	62.2	55.6	75.0	N/A	N/A			

						l	Jnit: dB (A) (30-min)	
Date	Time Weather	Weather	Mea	sured Noise	Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	Measured Noise Level (2) L eq N/A N/A
6-Feb-12	10:25	Rainy	59.3	62.2	54.6	65.0	N/A	N/A
16-Feb-12	11:10	Cloudy	57.3	58.4	55.9	65.0	N/A	N/A
21-Feb-12	11:10	Cloudy	60.2	62.4	56.0	70.0	N/A	N/A
28-Feb-12	11:10	Cloudy	59.1	61.6	57.5	70.0	N/A	N/A

Location NC7	Location NC7 - Buddist Li Ka Shing Care & Attention Home for the Elderly											
						Ų	Jnit: dB (A) (30-min)					
5.			Moor	sured Noise	Lovol	Limit Level	Componentian Decelian Level(1)	Corrected				
Date	Time	Weather	ivieas	sureu ivoise	Levei	Limit Level	Corresponding Baseline Level ⁽¹⁾	Measured Noise Level (2)				
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}				
6-Feb-12	15:15	Cloudy	65.5	68.4	58.8	75.0	N/A	N/A				
16-Feb-12	08:20	Cloudy	74.5	77.7	64.1	75.0	N/A	N/A				
21-Feb-12	08:20	Cloudy	72.5	75.4	63.0	75.0	N/A	N/A				
28-Feb-12	08:20	Cloudy	72.3	76.7	64.6	75.0	N/A	N/A				

Appendix G - Noise Monitoring Results

Location NC8	- Marymou	nt Secondary	School								
			Unit: dB (A) (30-min)								
			Measured Noise Level			Linett Lavral	O	Corrected			
Date	Time	Weather	iviea	sureu moise	Levei	Limit Level	Corresponding Baseline Level ⁽¹⁾	Measured Noise Level (2)			
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}			
6-Feb-12	13:00	Cloudy	63.1	68.9	61.9	70.0	N/A	N/A			
16-Feb-12	09:45	Cloudy	66.9	71.3	56.9	65.0	62.9	64.7			
21-Feb-12	09:45	Cloudy	67.0	72.0	58.3	65.0	62.9	64.9			
28-Feb-12	09:45	Cloudy	68.3	70.4	58.7	70.0	N/A	N/A			

				Unit: dB (A) (30-min)					
Date	Time	Weather	Mea	sured Noise	Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾	
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}	
6-Feb-12	13:34	Cloudy	60.5	67.2	59.3	75.0	N/A	N/A	
16-Feb-12	09:45	Cloudy	68.7	71.7	59.0	75.0	N/A	N/A	
21-Feb-12	09:45	Cloudy	69.0	71.2	59.8	75.0	N/A	N/A	
28-Feb-12	09:45	Cloudy	67.8	72.4	57.0	75.0	N/A	N/A	

Location NC1	v - THE Hari	Jour view	Unit: dB (A) (30-min)							
Date	Time	Weather	Mea	Measured Noise Level			Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾		
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}		
6-Feb-12	11:30	Rainy	71.8	74.6	66.8	75.0	N/A	N/A		
16-Feb-12	13:00	Cloudy	70.1	72.9	63.8	75.0	N/A	N/A		
21-Feb-12	13:00	Cloudy	71.1	74.4	60.8	75.0	N/A	N/A		
28-Feb-12	13:00	Cloudy	69.0	71.3	62.7	75.0	N/A	N/A		

						ι	Jnit: dB (A) (30-min)	
Date	Time	Weather	Mea	sured Noise	Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}
6-Feb-12	16:30	Rainy	64.5	67.1	57.3	75.0	N/A	N/A
16-Feb-12	08:50	Cloudy	70.5	72.9	65.3	75.0	N/A	N/A
21-Feb-12	08:50	Cloudy	68.3	69.1	57.2	75.0	N/A	N/A
28-Feb-12	08:50	Cloudy	60.9	63.8	54.7	75.0	N/A	N/A

Location NC1			Unit: dB (A) (30-min)							
Date	Time	Weather	Mea	Measured Noise Level		Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾		
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}		
6-Feb-12	15:45	Rainy	64.7	68.5	57.1	65.0	N/A	N/A		
16-Feb-12	17:15	Cloudy	65.7	68.9	60.2	65.0	66.9	65.7 Measured ≤ Baseline		
21-Feb-12	17:15	Cloudy	66.5	69.7	62.3	65.0	66.9	66.5 Measured ≦ Baseline		
28-Feb-12	17:15	Cloudy	66.9	72.8	62.7	70.0	N/A	N/A		

Location NC1	Location NC13 - Peaksville Court												
				Unit: dB (A) (30-min)									
Date	Time	Weather	Measured Noise Level		Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾						
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}					
6-Feb-12	13:00	Rainy	60.2	63.2	58.3	75.0	N/A	N/A					
16-Feb-12	15:10	Cloudy	73.5	73.7	71.7	75.0	N/A	N/A					
21-Feb-12	15:10	Cloudy	71.4	73.7	66.3	75.0	N/A	N/A					
28-Feb-12	15:10	Cloudy	63.5	66.7	60.1	75.0	N/A	N/A					

Appendix G - Noise Monitoring Results

Location NC1	Location NC14 - Hong Kong Japanese School											
				Unit: dB (A) (30-min)								
			Measured Noise Le		sured Noise Level Limit Level		O	Corrected				
Date	Time	Weather					Corresponding Baseline Level ⁽¹⁾	Measured Noise Level (2)				
	L _{eq} L ₁₀ L ₉₀ L _{eq}	L _{eq}	L _{eq}	L _{eq}								
6-Feb-12	14:25	Cloudy	58.8	61.6	53.4	70.0	N/A	N/A				
16-Feb-12	09:00	Cloudy	63.2	63.9	55.6	70.0	N/A	N/A				
21-Feb-12	09:00	Cloudy	62.4	63.5	55.7	70.0	N/A	N/A				
28-Feb-12	09:00	Cloudy	64.3	66.7	57.0	70.0	N/A	N/A				

Location NC1	Location NC15a - 12 Tung Shan Terrace											
				Unit: dB (A) (30-min)								
Date	Time	Weather	Measured Noise Leve		Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level (2)				
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}				
6-Feb-12	09:40	Rainy	65.2	66.5	63.4	75.0	N/A	N/A				
16-Feb-12	10:30	Cloudy	62.0	62.8	60.3	75.0	N/A	N/A				
21-Feb-12	10:30	Cloudy	63.2	64.1	61.0	75.0	N/A	N/A				
28-Feb-12	10:30	Cloudy	63.4	64.7	59.8	75.0	N/A	N/A				

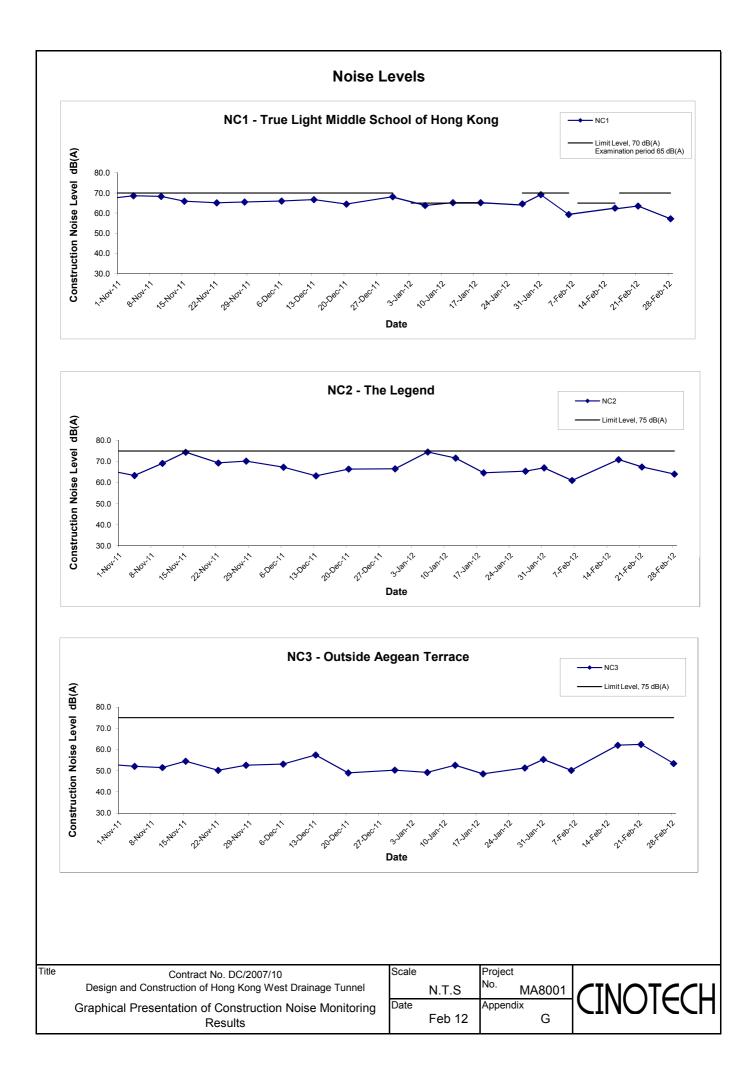
Location NC1	o - Raillion	ai conege		Unit: dB (A) (30-min)								
Date	Time	Weather	Measured Noise Level		Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾				
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}				
6-Feb-12	13:40	Rainy	64.9	67.3	59.3	65.0	N/A	N/A				
16-Feb-12	15:50	Cloudy	70.8	74.7	65.2	65.0	70.6	57.3				
21-Feb-12	15:50	Cloudy	72.2	74.4	67.8	70.0	70.6	67.1				
28-Feb-12	15:50	Cloudy	71.7	75.4	65.3	70.0	70.6	65.2				

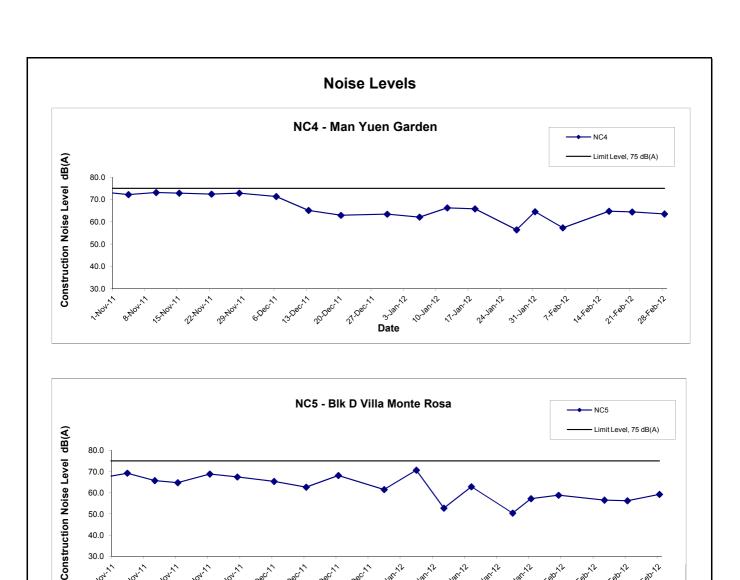
				Unit: dB (A) (30-min)								
Date	Time	Weather	Measured Noise Lev		Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾				
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}				
6-Feb-12	15:00	Rainy	62.5	65.7	59.2	70.0	N/A	N/A				
16-Feb-12	18:00	Cloudy	68.3	69.6	63.6	70.0	N/A	N/A				
21-Feb-12	18:00	Cloudy	68.4	69.8	64.3	70.0	N/A	N/A				
28-Feb-12	18:00	Cloudy	69.3	70.7	65.2	70.0	N/A	N/A				

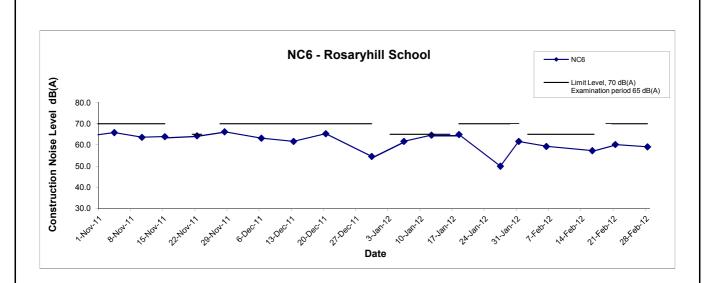
				Unit: dB (A) (30-min)									
Date	Time	Weather	Measured Noise Level		Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level ⁽²⁾					
			L eq	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}					
6-Feb-12	14:25	Rainy	67.2	72.3	63.3	75.0	N/A	N/A					
16-Feb-12	18:00	Cloudy	74.3	76.5	62.3	75.0	N/A	N/A					
21-Feb-12	18:00	Cloudy	74.5	75.6	65.4	75.0	N/A	N/A					
28-Feb-12	18:00	Cloudy	74.7	78.5	62.7	75.0	N/A	N/A					

Location NC1	Location NC19 - Villa Veneto											
						l	Jnit: dB (A) (30-min)					
Date	Time	Weather	Measured Noise Level		Level	Limit Level	Corresponding Baseline Level ⁽¹⁾	Corrected Measured Noise Level (2)				
			L _{eq}	L ₁₀	L 90	L _{eq}	L _{eq}	L _{eq}				
6-Feb-12	10:42	Cloudy	64.3	67.3	60.4	75.0	N/A	N/A				
16-Feb-12	16:35	Cloudy	57.9	59.4	56.3	75.0	N/A	N/A				
21-Feb-12	16:35	Cloudy	59.7	61.3	55.3	75.0	N/A	N/A				
28-Feb-12	16:35	Cloudy	72.3	75.6	69.7	75.0	N/A	N/A				

Location GNC	Location GNC8 - Raimondi College										
			Unit: dB (A) (30-min)								
Date	Time	Weather	Meas	sured Noise	Level						
			L _{eq}	L ₁₀	L 90						
6-Feb-12	09:00	Cloudy	59.1	61.7	53.1						
16-Feb-12	13:45	Cloudy	58.8	61.2	54.6						
21-Feb-12	13:45	Cloudy	59.1	62.8	50.8						
28-Feb-12	13:45	Cloudy	59.3	61.5	51.7						

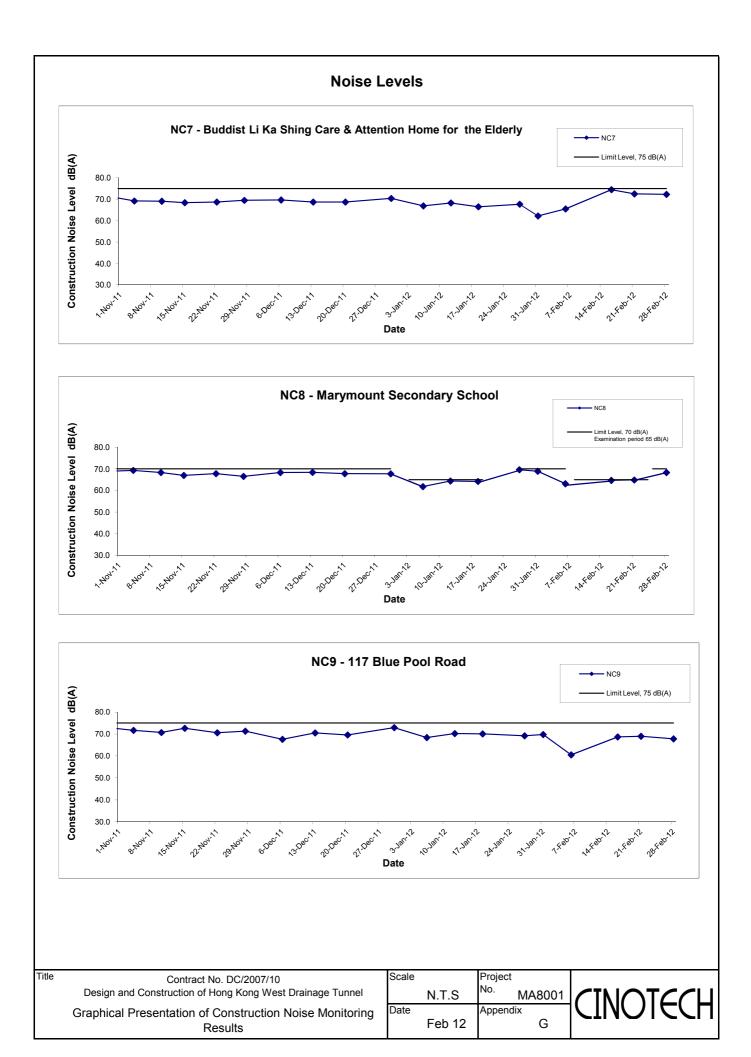


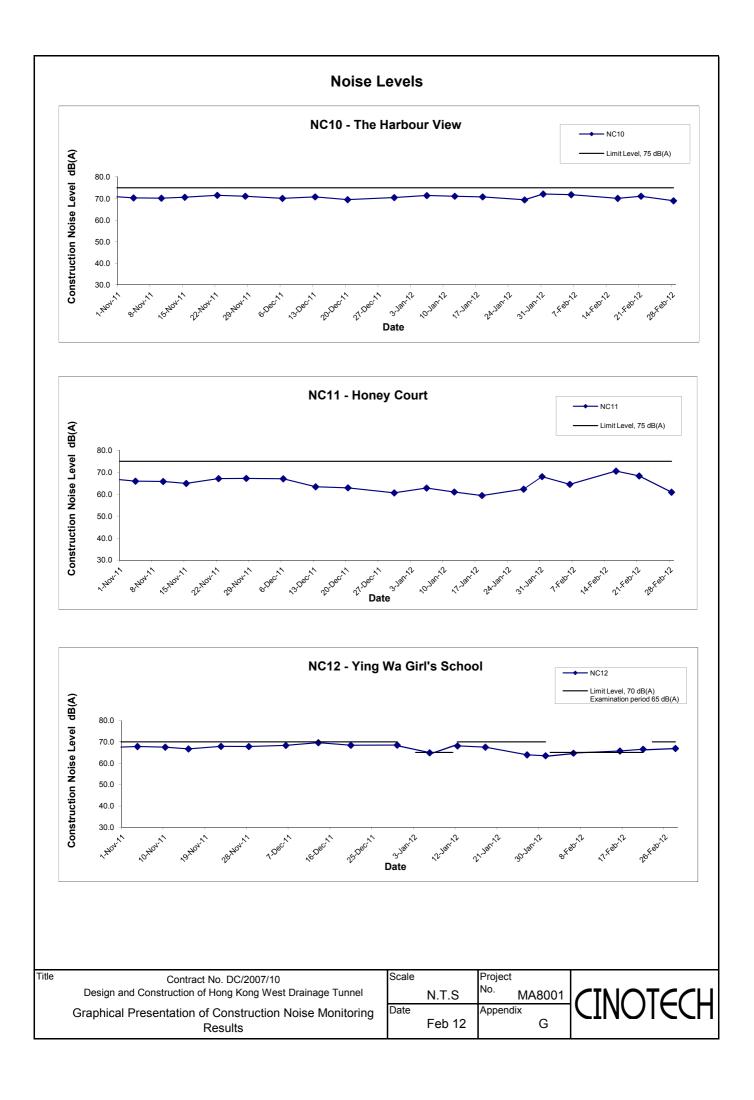


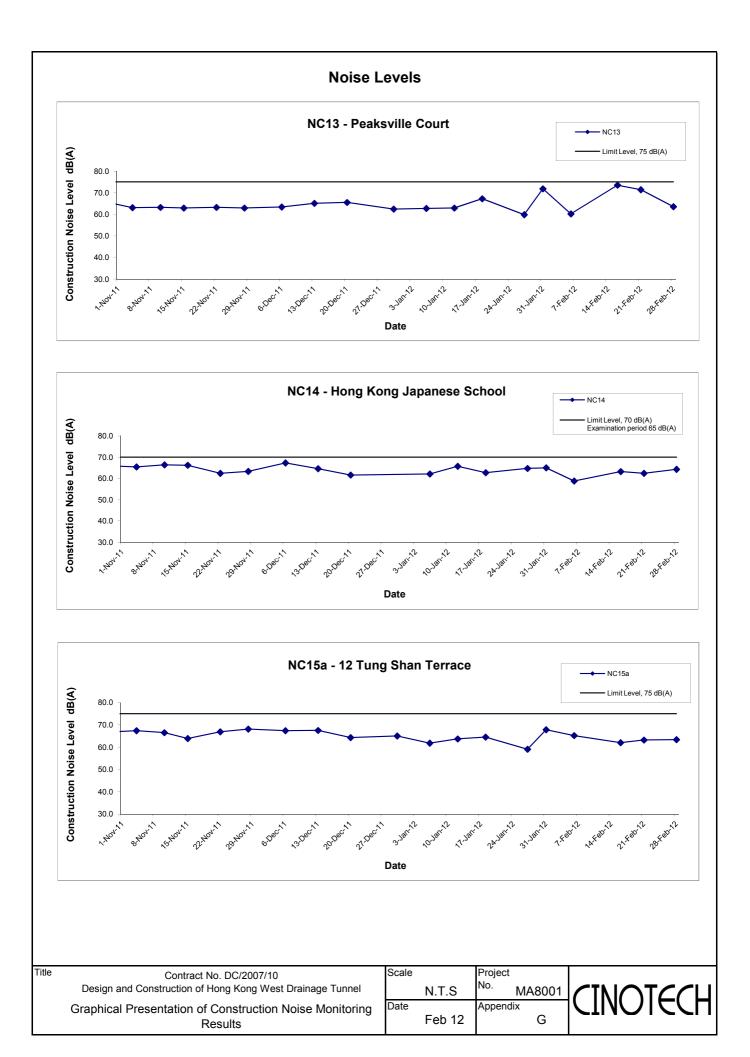


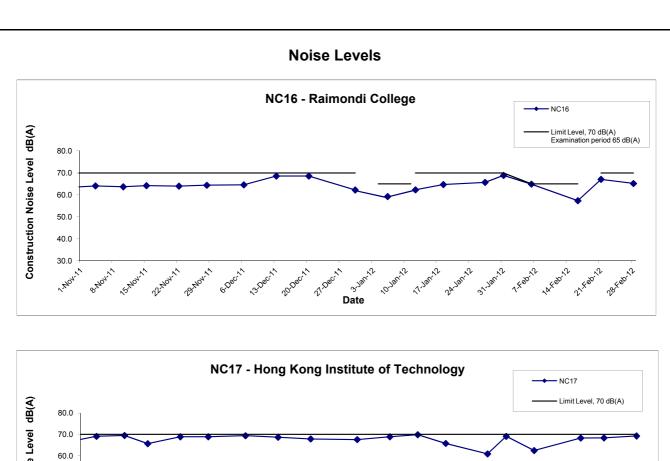
Title Scale Project Contract No. DC/2007/10 No. Design and Construction of Hong Kong West Drainage Tunnel N.T.S MA8001 Date Appendix **Graphical Presentation of Construction Noise Monitoring** G Feb 12 Results

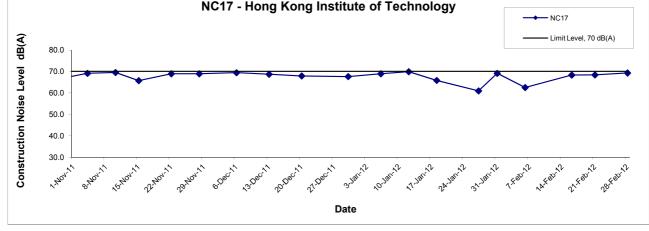
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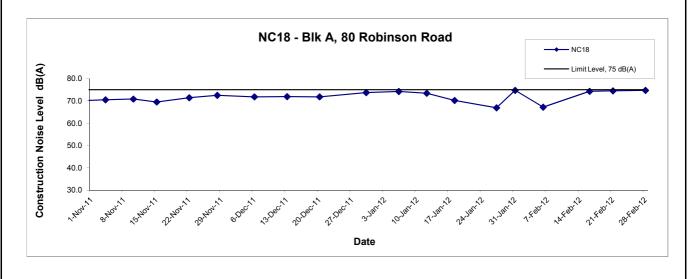












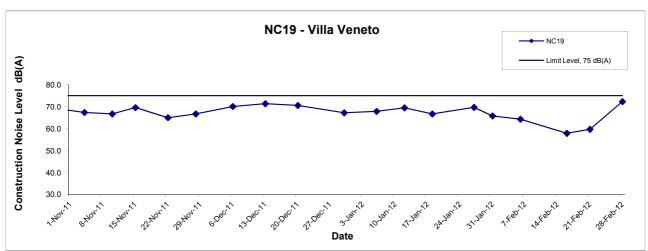
Title Contract No. DC/2007/10
Design and Construction of Hong Kong West Drainage Tunnel
Graphical Presentation of Construction Noise Monitoring
Results

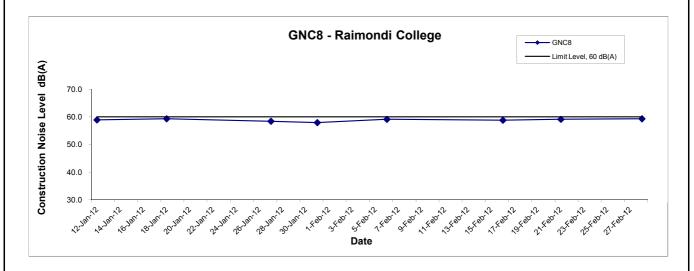
 Scale
 Project No.
 MA8001

 Date
 Appendix G









Title	Contract No. DC/2007/10
	Design and Construction of Hong Kong West Drainage Tunnel
	Graphical Presentation of Construction Noise Monitoring Results

Scale		Project
	N.T.S	^{No.} MA8001
Date		Appendix
	Feb 12	G

