

Predicted Construction Noise Level at Representative NSRs (Mitigated using Quiet Plant)

NSR1a - Wo Hop Shek San Tsuen

Phase	Construction Activity	Total SWL, dB(A)	Slant Distance to Notional Source, m	Distance Correction, dB(A)	Barrier Correction (Screened by Building Structures), dB(A)	Facade Correction, dB(A)	Predicted Noise Level, dB(A)	Daytime Noise Standard, dB(A)
I	A - Demolition	124	293	-57	-5	3	65.0	75
	B - Site Formation	124	293	-57	-5	3	64.7	
	C - General Construction	124	293	-57	-5	3	64.6	
	D - Landscaping Works	118	293	-57	-5	3	59.1	
II	E - Demolition	124	346	-59	-5	3	63.6	
	F - Landscaping Works	118	346	-59	-5	3	57.6	
Future Expansion	E - E&M Works	112	293	-57	-5	3	52.7	

NSR1b - Wo Hop Shek San Tsuen

Phase	Construction Activity	Total SWL, dB(A)	Slant Distance to Notional Source, m	Distance Correction, dB(A)	Barrier Correction (Screened by Building Structures), dB(A)	Facade Correction, dB(A)	Predicted Noise Level, dB(A)	Daytime Noise Standard, dB(A)
I	A - Demolition	124	327	-58	-5	3	64.1	75
	B - Site Formation	124	327	-58	-5	3	63.7	
	C - General Construction	124	327	-58	-5	3	63.7	
	D - Landscaping Works	118	327	-58	-5	3	58.1	
II	E - Demolition	124	303	-58	-5	3	64.7	
	F - Landscaping Works	118	303	-58	-5	3	58.8	
Future Expansion	E - E&M Works	112	327	-58	-5	3	51.7	

NSR2 - G/IC Zone

Phase	Construction Activity	Total SWL, dB(A)	Slant Distance to Notional Source, m	Distance Correction, dB(A)	Barrier Correction (Screened by Building Structures), dB(A)	Facade Correction, dB(A)	Predicted Noise Level, dB(A)	Daytime Noise Standard, dB(A)
I	A - Demolition	124	385	-60	-5	3	62.7	70 (65)
	B - Site Formation	124	385	-60	-5	3	62.3	
	C - General Construction	124	385	-60	-5	3	62.3	
	D - Landscaping Works	118	385	-60	-5	3	56.7	
II	E - Demolition	124	296	-57	-5	3	65.0	
	F - Landscaping Works	118	296	-57	-5	3	59.0	
Future Expansion	E - E&M Works	112	385	-60	-5	3	50.3	

Note:

1. The NSRs are screened from the Site by the natural topography and the existing columbarium at Kiu Tau Road. The NSRs have no direct line of sight to the Site.
2. Slant distance between the NSR1a and the existing skeletal crematorium (Phase II); NSR1b and the existing skeletal crematorium; NSR2 and the existing skeletal crematorium (Phase I and Future Expansion Phase) are more than 300 m.
3. "SWL" denotes as Sound Power Level.
4. Figure in bracket indicates daytime noise standard for educational institution during examination periods.