

## Appendix 5.4

### Locations of Workfronts

**Project :** Site Formation and Associated Infrastructural Wprks for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery - Design and Construction

**Title :** Construction Noise Calculation

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

NSRs	CO1	CO2	SP	CO3	CR1	VD1	RD1	RD2	RD3	UT1	UT2	L1	L2	L3	S1	S2	OWTF	LMH
N2-1	570																	
N5-2		270	365	400			325	8	150	155								
N5-5								10	200	105								
N5-9								220		40								
N5-10								325		35	245							
N5-12	320	310						295	330	245								
N6-3								285		25	270							
N6-4								255		20	300							
N7-1								305	35	255	130							370
N7-2								45	300	60								
N8-1								60	265	360								230
N9-1								355	40	255	300							300
N10-1								180	130									
N10-4				455			200	50										
N13-1					160													
N14-1										60	25							
N15-1										250	30							
N15-2											30							
N16-1											15							
N18-5												15						
N19-1												25						
N21-3												55				60		
N21-4												50	10			20		
N23-5												15	65	60				
N23-6												55	35	20				385

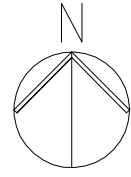
**Table 2 - Distance Attenuation and Facade Correction, dB(A)**

NSRs	CO1	CO2	SP	CO3	CR1	VD1	RD1	RD2	RD3	UT1	UT2	L1	L2	L3	S1	S2	OWTF	LMH
N2-1	-60																	
N5-2		-54	-56	-57			-55	-23	-49	-49								
N5-5								-25	-51	-45								
N5-9								-52		-37								
N5-10								-55		-36	-53							
N5-12	-55	-55						-54	-55	-53								
N6-3								-54		-33	-54							
N6-4								-53		-31	-55							
N7-1							-55	-36	-53	-47								-56
N7-2								-38	-55	-41								
N8-1								-41	-53	-56								-52
N9-1						-56	-37	-53	-55									-55
N10-1						-50	-47											
N10-4				-58		-51	-39											
N13-1					-49													
N14-1										-41	-33							
N15-1										-53	-35							
N15-2											-35							
N16-1											-29							
N18-5												-29						
N19-1												-33						
N21-3												-40	-39			-41		
N21-4												-39	-25			-31		
N23-5												-29	-41	-41				
N23-6												-40	-36	-31				-57

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

NSRs	CO1	CO2	SP	CO3	CR1	VD1	RD1	RD2	RD3	UT1	UT2	L1	L2	L3	S1	S2	OWTF	LMH
N2-1	-10																	
N5-2		-10	-10	-5														
N5-5																		
N5-9																		
N5-10																		
N5-12	-10	-10	-10															
N6-3																		
N6-4																		
N7-1																		
N7-2																		
N8-1																		
N9-1																		
N10-1																		
N10-4				-10														
N13-1																		
N14-1																		
N15-1																		
N15-2																		
N16-1																		
N18-5																		
N19-1																		
N21-3																		
N21-4																		
N23-5																		
N23-6																		

Note:  
 [1] -10 screening correction is used for N2-1, N5-2, N5-12 and N10-4 due to total screening by adjacent mountain.  
 [2] -5 screening correction is used for N5-2 due to partial screening by adjacent slope.



- LEGEND**
- Workfront
  - Noise Sensitive Receiver
  - Concurrent Project
  - Retaining Wall
  - Slopework
  - Road Alignment
  - Viaduct

