

Noise Mapping Results																	
--- Receiver Results - Summary ---																	
Receiver Name	Height (m)	Total dB(A)	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz							
Assessment Points		1.6	26.87			26.87											
Assessment Points -2		1.7	32.44			32.44											
Assessment Points -2		4.2	31.49			31.49											
Assessment Points -3		1.6	28.62			28.62											
Assessment Points -3		3.1	28.4			28.4											
Assessment Points -4		4.3	35.87			35.87											
Assessment Points -5		1.6	36.65			36.65											
Assessment Points -5		3.1	35.73			35.73											
--- Receiver Results - Sources Analysis ---																	
Receiver Name	Height (m)	Total dB(A)	Cosy 6 (58dB)														
Assessment Points		1.6	26.87	26.87													
Assessment Points -2		1.7	32.44	32.44													
Assessment Points -2		4.2	31.49	31.49													
Assessment Points -3		1.6	28.62	28.62													
Assessment Points -3		3.1	28.4	28.4													
Assessment Points -4		4.3	35.87	35.87													
Assessment Points -5		1.6	36.65	36.65													
Assessment Points -5		3.1	35.73	35.73													
--- Receiver Results - Full Detail ---																	
Receiver Name	Source Name	Distance to source (m)	Height including ground level (m)	Source height including ground level (m)	Frequency (Hz)	Lw	Ad	Aa	Ag	Ab (total)	Ab (top edge)	Ab (lateral 1)	Ab (lateral 2)	Adjustment	Weighting	Lp	
Assessment Points	Cosy 6 (58dB)	14.17	1.6	1	500	61.2	-34.03	-0.03	2.93	0	-	-	-	0	-3.2	26.87	
Assessment Points -2	Cosy 6 (58dB)	7.34	1.7	1	500	61.2	-28.31	-0.02	2.75	0	-	-	-	0	-3.2	32.43	
Assessment Points -2	Cosy 6 (58dB) (reflected by 7 Rowden Lane)	8.02	1.7	1	500	60.74	-29.08	-0.02	2.79	-23.77	-23.77	-	-	0	-3.2	7.46	
Assessment Points -2	Cosy 6 (58dB)	7.97	4.2	1	500	61.2	-29.03	-0.02	2.52	0	-	-	-	0	-3.2	31.47	
Assessment Points -2	Cosy 6 (58dB) (reflected by 7 Rowden Lane)	8.61	4.2	1	500	60.74	-29.7	-0.02	2.98	-21.83	-21.83	-	-	0	-3.2	8.57	
Assessment Points -3	Cosy 6 (58dB)	11.56	1.6	1	500	61.2	-32.26	-0.03	2.9	0	-	-	-	0	-3.2	28.62	
Assessment Points -3	Cosy 6 (58dB)	11.73	3.1	1	500	61.2	-32.39	-0.03	2.82	0	-	-	-	0	-3.2	28.4	
Assessment Points -4	Cosy 6 (58dB)	4.47	4.3	1	500	61.2	-24	-0.01	1.86	0	-	-	-	0	-3.2	35.85	
Assessment Points -4	Cosy 6 (58dB) (reflected by 5 Rowden Lane + 9 Rowden Lane)	14.97	4.3	1	500	60.28	-34.51	-0.03	2.84	-14.91	-14.91	-	-	0	-3.2	10.48	
Assessment Points -4	Cosy 6 (58dB) (reflected by 5 Rowden Lane)	12.77	4.3	1	500	60.74	-33.12	-0.03	2.79	-17.53	-17.53	-	-	0	-3.2	9.65	
Assessment Points -5	Cosy 6 (58dB)	4.59	1.6	1	500	61.2	-24.23	-0.01	2.46	0	-	-	-	0	-3.2	36.22	
Assessment Points -5	Cosy 6 (58dB) (reflected by 5 Rowden Lane)	14.43	1.6	1	500	60.74	-34.18	-0.03	2.93	0	-	-	-	0	-3.2	26.26	
Assessment Points -5	Cosy 6 (58dB) (reflected by 9 Rowden Lane)	6.45	1.6	1	500	60.74	-27.2	-0.01	2.7	-24.12	-24.12	-	-	0	-3.2	8.91	
Assessment Points -5	Cosy 6 (58dB)	5.01	3.1	1	500	61.2	-24.99	-0.01	2.22	0	-	-	-	0	-3.2	35.21	
Assessment Points -5	Cosy 6 (58dB) (reflected by 5 Rowden Lane)	14.56	3.1	1	500	60.74	-34.27	-0.03	2.88	0	-	-	-	0	-3.2	26.12	
Assessment Points -5	Cosy 6 (58dB) (reflected by 9 Rowden Lane)	6.76	3.1	1	500	60.74	-27.6	-0.02	2.51	-23.09	-23.09	-	-	0	-3.2	9.34	
--- Objects ---																	
Receivers	x	y	Height														
Assessment Points		58.63	34.81	1.6													
Assessment Points -2		63.38	39.81	4.2													
Assessment Points -3		60.63	36.5	3.1													
Assessment Points -4		72.13	44.56	4.3													
Assessment Points -5		72.75	47.06	3.1													
Point Sources	x	y	Height	Lw	Hz												
Cosy 6 (58dB)		69.13	44.31	1	61.2	500											
Buildings	x	y	Height	Reflection Coefficient													
7 Rowden Lane		66.63	40.06	5.3	0.9												
-		73.38	33.31	8													
-		77.38	37.31														
-		70.63	44.06														
5 Rowden Lane		65.44	25.13	8	0.9												
-		57.69	32.44														
-		65.625	40.8125														
-		70	36.5625														
-		66.75	33.25														
-		70.125	29.9375														
9 Rowden Lane		76.69	38.13	7.5	0.9												
-		79.88	41.5														
-		73.9375	47.375														
-		72.4375	45.875														
-		73.375	44.9375														
-		71.6875	43.0625														
--- Configuration ---																	
Calculation Method ISO9613-2:2024 (New)																	
Hard Ground (Ground Factor = 0)																	
15.0°C Temperature																	
70% Humidity																	
Results are A-weighted																	
Second order reflections are included																	
Reflections are only considered at a distance of 1m or greater from a reflector (facade level)																	
ISO9613-2 barrier attenuation limit (20/25dB) is enabled																	
Vertical edges (lateral paths) are included																	
Limited to convex paths																	
Limited in distance (ISO17534-3 recommendation)																	
Ground reflections are not screened (ISO17534-3 recommendation)																	
--- Key ---																	
Lw	Sound Power Level (dB)																
Lp	Sound Pressure Level (dB)																
Ad	Distance attenuation (geometric divergence) ISO9613-2 (dB)																
Ab	Barrier attenuation ISO9613-2 (dB)																
Ag	Ground effect ISO9613-2 (dB)																
Aa	Air absorption ISO9613-1 (dB)																