APPENDIX B1

20-21 King's Mews, Holborn, London

Source: Demolition/Construction Site			F	requen	°v. Hz				ı
Receiver: Nearest Noise Sensitive façade at No. 13-14 King Mews	63	125	250	500	1k	2k	4k	8k	dB(A)
Site set-up									()
Soft strip									1
Removal of fixtures and fittings, diconnecting services rovoval floor and wall									1
finnishes									1
Handheld crowbar (Sound Pressure Level at 10m)	66	66	68	68	63	67	55	51	
Distance correction (min. 4m fom front elevation)	8	8	8	8	8	8	8	8	
Correction due to on- time on (45%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	63	61	60	58	50	51	39	35	59
									1
Skip Lorry delivery and collection									
Delivery vehicles (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (4%)	-14	-14	-14	-14	-14	-14	-14	-14	
Total	67	72	72	72	68	67	62	60	74
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	69	72	72	72	68	67	62	60	74
Demolition phase	0.2	0.2	04	7.	72	70	70	77	1
Hand-held pneumatic breaker (Sound Pressure Level at 10m)	83	83	81	74	73	76	78	77	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to on- time (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope Total	-7	-9 69	-12	-14	-17	-20	-20	-20 52	-
Total	71	69	64	55	51	51	53	52	62
Skin Lawy delivery and collection									
Skip Lorry delivery and collection Delivery vehicles (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
, , , , , , , , , , , , , , , , , , , ,	8	76 8	76 8	76 8	8	/3 8	8	8	1
Distance correction (min. 4m)	-14	-14	-14	-14					
Correction due to on- time (5%) Total	-14 67	-14 72	-14 72	-14 72	-14 68	-14 67	-14 62	-14 60	74
Total	67	/2	/2	/2	00	67	02	ы	/4
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	73	74	73	72	68	67	63	61	74
Construction of new house, demolition									
Excavating Basement Fundation, Concreting, Building new walls									
Hand-held pneumatic breaker (Sound Pressure Level at 10m)	83	83	81	74	73	76	78	77	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	ĺ
Correction due to on- time (40%)	-4	-4	-4	-4	-4	-4	-4	-4	ĺ
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	ĺ
Total	70	68	63	54	50	50	52	51	61
									1
Cordless Drill (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	ĺ
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	ĺ
Correction due to time on (20%)	-7	-7	-7	-7	-7	-7	-7	-7	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	47	47	44	43	<i>39</i>	40	<i>35</i>	32	47
									1
8 wheel ready mix concrete truck - Volvo FMX420 8x4 Concrete Mixer (Sound									ĺ
Pressure Level at 10m)	81	71	63	63	67	75	60	55	1
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	1
Attenuation provided by portable acoustic barrier system	-5	-5	-5	-5	-5	-5	-5	-5	1
Correction due to on- time on (2.5%)	-16	-16	-16	-16	-16		-16	-16	1
Total	58	48	40	40	44	52	37	32	54
Pumping concrete									
Towed concrete pump - Schwing BP 550HD-18 (Sound Pressure Level at 10m)	84	76	70	71	73	73	66	58	
Distance correction (min. 4m)	8	8	8	8	/3 8	/3 8	8	8	1
Attenuation provided by portable acoustic barrier system	-5	-5	-5	-5	-5	-5	-5	-5	1
Correction due to on- time on (2.5%)	-5 -16	1							
Total	71	63	-10 57	-10 58	60	60	53	-10 45	65
, own	′	03	٠,	20	50	00	,,	73	33
									1

APPENDIX B1 (Cont.)

20-21 King's Mews, Holborn, London

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Chief and delice and added to the street (County December 1 and at 40 at	70	70	70	70	74	72	60		
Skip Lorry delivery and collection (Sound Pressure Level at 10m)	73	78	78	78	74	73	68	66	
Distance correction (min. 4m)	8 -15	8	8	8	8	8	8	8	
Correction due to on- time (3%)		-15	-15	-15	-15	-15	-15	-15	70
Total	66	71	71	71	67	66	61	59	73
	75	73	72	71	68	67	62	60	74
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade							-		
Roof work									
Installing roof frame and roof finishes									
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to on- time on (7%)	-12	-12	-12	-12	-12	-12	-12	-12	
Attenuation provided by portable acoustic barrier system	-8	-8	-8	-8	-8	-8	-8	-8	
Total	48	54	56	53	50	49	53	48	58
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (20%)	-8	-2 -8	-2 -8	-2 -8	-2 -8	-2 -8	-2 -8	-2 -8	
Attenuation provided by portable acoustic barrier system	-8	-8	-8	-8	-8	-8	-8	-8	
Total	-o 45	-o 47	-o 47	-o 48	-o 47	-o 51	-0 46	-o 43	55
		-	=	-	*-		-	-	
Paslode pneumatic gun IM350 (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (10%)	-10	-10	-10	-10	-10	-10	-10	-10	
Attenuation provided by portable acoustic barrier system	-8	-8	-8	-8	-8	-8	-8	-8	
Total	43	45	45	46	45	49	44	41	54
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to on- time (3%)	-15	-15	-15	-15	-15	-15	-15	-15	
Total	74	-13 71	69	67	65	62	57	-13 49	70
Total	/4	/1	03	67	03	02	3/	43	70
Dradiated Daily Sishama Naisa Lavel dD L. at the passest consitive faced	74	71	69	67	65	63	59	52	70
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade									
Windows + doors installation									
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by portable acoustic barrier system	-7	-7	-7	-7	-7	-7	-7	-7	
Total	51	53	53	54	53	<i>57</i>	52	49	62
Delivery vehicle									
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to on- time (20%)	-z -7	-2 -7	-2 -7	-2 -7	-2 -7	-2 -7	-2 -7	-2 -7	
Attenuation provided by portable acoustic barrier system	-7	-7 -7	-7 -7	- <i>7</i> -7	-7 -7	-7 -7	-7 -7	-7 -7	
Total	65	62	60	58	56	53	48	40	61
									J.
Desdicted Deily Airbourg Noise Level dD	66	63	61	60	58	59	54	50	64
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade									
Service Installation	1								
Electrical wiring installation, plumbing pipework and equipment installation									
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to on- time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	

APPENDIX B1 (Cont.)

20-21 King's Mews, Holborn, London

Attenuation provided by the building envelope	-7	-9	-10	-12	-15	-18	-18	-20	
Total	56	60	61	56	50	46	50	43	59
		•••	-	-					-
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	50	50	47	46	42	43	38	35	50
	57	61	62	57	51	48	51	44	59
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade		0 -	V-		0-		-		
Stairs installation									
Installing prefabricated stairs	1								
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to on- time on (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	57	61	60	55	49	45	49	44	58
			-	-	-	-	-		
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (50%)	-3	-3	-3	-3	-3	-3	-3	-3	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	51	51	48	47	43	44	39	36	51
Delivery Vehicle with lifting arm (Sound Pressure Level at 10m)	81	78	76	74	72	69	64	56	
Distance correction (min. 4m)	8	8	8	8	8	8	8	8	
Correction due to time on (3%)	-15	-15	-15	-15	-15	-15	-15	-15	
Total	74	71	69	67	65	62	57	49	70
Buddatad Balla Alabama Nation Local dB Landard Balla and Alabama Nation for all	74	71	69	67	65	62	58	50	70
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade									
Wall and floor finishes									
Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	69	75	77	74	71	70	74	69	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to on- time on (25%)	-6	-6	-6	-6	-6	-6	-6	-6	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	54	58	57	52	46	42	46	41	55
Total] 34	30	37	32	40	42	40	71	33
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65							
,			65	66	65	69	64	61	
FUISTANCE COTTECTION (MIN. 17M)	_2		65 -2	66 -2	65 -2	69 -2	64 -2	61 -2	
Distance correction (min. 12m)	-2 -6	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (25%)	-6	-2 -6	-2 -6	-2 -6	-2 -6	-2 -6	-2 -6	-2 -6	
Correction due to time on (25%) Attenuation provided by the building envelope	-6 -7	-2 -6 -9	-2 -6 -12	-2 -6 -14	-2 -6 -17	-2 -6 -20	-2 -6 -20	-2 -6 -20	40
Correction due to time on (25%)	-6	-2 -6	-2 -6	-2 -6	-2 -6	-2 -6	-2 -6	-2 -6	48
Correction due to time on (25%) Attenuation provided by the building envelope	-6 -7 48	-2 -6 -9 48	-2 -6 -12 45	-2 -6 -14 44	-2 -6 -17 40	-2 -6 -20 41	-2 -6 -20 36	-2 -6 -20 33	
Correction due to time on (25%) Attenuation provided by the building envelope	-6 -7	-2 -6 -9	-2 -6 -12	-2 -6 -14	-2 -6 -17	-2 -6 -20	-2 -6 -20	-2 -6 -20	48
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	-6 -7 48	-2 -6 -9 48	-2 -6 -12 45	-2 -6 -14 44	-2 -6 -17 40	-2 -6 -20 41	-2 -6 -20 36	-2 -6 -20 33	
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting	-6 -7 48 55	-2 -6 -9 48	-2 -6 -12 45	-2 -6 -14 44	-2 -6 -17 40	-2 -6 -20 41	-2 -6 -20 36	-2 -6 -20 33	
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m)	-6 -7 48 55	-2 -6 -9 48 59	-2 -6 -12 45 58	-2 -6 -14 44 53	-2 -6 -17 40 47	-2 -6 -20 41 45	-2 -6 -20 36 47	-2 -6 -20 33 42	
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m)	-6 -7 48 55	-2 -6 -9 48 59	-2 -6 -12 45 58	-2 -6 -14 44 53	-2 -6 -17 40 47 71 -2	-2 -6 -20 41 45	-2 -6 -20 36 47 74 -2	-2 -6 -20 33 42 69 -2	
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%)	-6 -7 48 55 69 -2 -7	-2 -6 -9 48 59 75 -2 -7	-2 -6 -12 45 58 77 -2 -7	-2 -6 -14 44 53 74 -2 -7	-2 -6 -17 40 47 71 -2 -7	-2 -6 -20 41 45 70 -2 -7	-2 -6 -20 36 47 74 -2 -7	-2 -6 -20 33 42 69 -2 -7	
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope	-6 -7 48 55 69 -2 -7 -7	-2 -6 -9 48 59 75 -2 -7 -9	-2 -6 -12 45 58 77 -2 -7 -12	-2 -6 -14 44 53 74 -2 -7 -14	-2 -6 -17 40 47 71 -2 -7 -17	-2 -6 -20 41 45 70 -2 -7 -20	-2 -6 -20 36 47 74 -2 -7 -20	-2 -6 -20 33 42 69 -2 -7 -20	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%)	-6 -7 48 55 69 -2 -7	-2 -6 -9 48 59 75 -2 -7	-2 -6 -12 45 58 77 -2 -7	-2 -6 -14 44 53 74 -2 -7	-2 -6 -17 40 47 71 -2 -7	-2 -6 -20 41 45 70 -2 -7	-2 -6 -20 36 47 74 -2 -7	-2 -6 -20 33 42 69 -2 -7	
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total	-6 -7 48 55 69 -2 -7 -7 53	-2 -6 -9 48 59 75 -2 -7 -9 57	-2 -6 -12 45 58 77 -2 -7 -12 56	-2 -6 -14 44 53 74 -2 -7 -14 51	-2 -6 -17 40 47 71 -2 -7 -17 45	-2 -6 -20 41 45 70 -2 -7 -20 41	-2 -6 -20 36 47 74 -2 -7 -20 45	-2 -6 -20 33 42 69 -2 -7 -20 40	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	-6 -7 48 55 69 -2 -7 -7 53	-2 -6 -9 48 59 75 -2 -7 -9 57	-2 -6 -12 45 58 77 -2 -7 -12 56	-2 -6 -14 44 53 74 -2 -7 -14 51	-2 -6 -17 40 47 71 -2 -7 -17 45	-2 -6 -20 41 45 70 -2 -7 -20 41	-2 -6 -20 36 47 74 -2 -7 -20 45 64	-2 -6 -20 33 42 69 -2 -7 -20 40	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 12m)	-6 -7 48 55 69 -2 -7 -7 53 63 -2	-2 -6 -9 48 59 75 -2 -7 -9 57 65 -2	-2 -6 -12 45 58 77 -2 -7 -12 56 65 -2	-2 -6 -14 44 53 74 -2 -7 -14 51 66 -2	-2 -6 -17 40 47 71 -2 -7 -17 45 65 -2	-2 -6 -20 41 45 70 -2 -7 -20 41 69 -2	-2 -6 -20 36 47 74 -2 -7 -20 45 64 -2	-2 -6 -20 33 42 69 -2 -7 -20 40 61 -2	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to time on (20%)	-6 -7 48 55 69 -2 -7 -7 53 63 -2 -7	-2 -6 -9 48 59 75 -2 -7 -9 57 65 -2 -7	-2 -6 -12 45 58 77 -2 -7 -12 56 65 -2 -7	-2 -6 -14 44 53 74 -2 -7 -14 51 66 -2 -7	-2 -6 -17 40 47 71 -2 -7 -17 45 65 -2 -7	-2 -6 -20 41 45 70 -2 -7 -20 41 69 -2 -7	-2 -6 -20 36 47 74 -2 -7 -20 45 64 -2 -7	-2 -6 -20 33 42 69 -2 -7 -20 40 61 -2 -7	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 12m)	-6 -7 48 55 69 -2 -7 -7 53 63 -2	-2 -6 -9 48 59 75 -2 -7 -9 57 65 -2	-2 -6 -12 45 58 77 -2 -7 -12 56 65 -2	-2 -6 -14 44 53 74 -2 -7 -14 51 66 -2	-2 -6 -17 40 47 71 -2 -7 -17 45 65 -2	-2 -6 -20 41 45 70 -2 -7 -20 41 69 -2	-2 -6 -20 36 47 74 -2 -7 -20 45 64 -2	-2 -6 -20 33 42 69 -2 -7 -20 40 61 -2	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to time on (20%)	-6 -7 48 55 69 -2 -7 -7 53 63 -2 -7	-2 -6 -9 48 59 75 -2 -7 -9 57 65 -2 -7	-2 -6 -12 45 58 77 -2 -7 -12 56 65 -2 -7	-2 -6 -14 44 53 74 -2 -7 -14 51 66 -2 -7	-2 -6 -17 40 47 71 -2 -7 -17 45 65 -2 -7	-2 -6 -20 41 45 70 -2 -7 -20 41 69 -2 -7	-2 -6 -20 36 47 74 -2 -7 -20 45 64 -2 -7	-2 -6 -20 33 42 69 -2 -7 -20 40 61 -2 -7	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to time on (20%) Attenuation provided by the building envelope Total	-6 -7 48 55 69 -2 -7 -7 53 63 -2 -7 -7 47	-2 -6 -9 48 59 75 -2 -7 -9 57 65 -2 -7 -9 47	-2 -6 -12 45 58 77 -2 -7 -12 56 65 -2 -7 -12 44	-2 -6 -14 44 53 74 -2 -7 -14 51 66 -2 -7 -14 43	-2 -6 -17 40 -71 -2 -7 -17 45 -65 -2 -7 -17 39	-2 -6 -20 41 45 70 -2 -7 -20 41 69 -2 -7 -20 40	-2 -6 -20 36 47 74 -2 -7 -20 45 64 -2 -7 -20 35	-2 -6 -20 33 42 69 -2 -7 -20 40 61 -2 -7 -20 32	56
Correction due to time on (25%) Attenuation provided by the building envelope Total Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade Furniture fitting Handheld circular skill saw: Makita HS7601 110V (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to on- time on (20%) Attenuation provided by the building envelope Total Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m) Distance correction (min. 12m) Correction due to time on (20%) Attenuation provided by the building envelope	-6 -7 48 55 69 -2 -7 -7 53 63 -2 -7 -7	-2 -6 -9 48 59 75 -2 -7 -9 57 65 -2 -7 -9	-2 -6 -12 45 58 77 -2 -7 -12 56 65 -2 -7 -12	-2 -6 -14 44 53 74 -2 -7 -14 51 66 -2 -7 -14	-2 -6 -17 40 47 71 -2 -7 -17 45 65 -2 -7 -17	-2 -6 -20 41 45 70 -2 -7 -20 41 69 -2 -7 -20	-2 -6 -20 36 47 74 -2 -7 -20 45 64 -2 -7 -20	-2 -6 -20 33 42 69 -2 -7 -20 40 61 -2 -7 -20	56

APPENDIX B1 (Cont.)

20-21 King's Mews, Holborn, London

D33226 CALCULATIONS OF A	CIIV	1111	10131	<u> </u>					
Correction due to time on (3%) Total	-15 66	-15 71	-15 71	-15 71	-15 67	-15 66	-15 61	-15 59	73
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	66	71	71	71	67	66	61	59	73
Decoration									
handheld sanders Makita BO 4556 (Sound Pressure Level at 10m) Distance correction (min. 12m)	57 -2	51 -2	52 -2	60 -2	70 -2	77 -2	73 -2	73 -2	
Correction due to on- time on (20%) Attenuation provided by the building envelope	-7 -7	-7 -9	-7 -12	-7 -14	-7 -17	-7 -20	-7 -20	-7 -20	
Total	41	33	31	37	44	48	44	44	53
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	41	33	31	37	44	48	44	44	53
Site clearance and cleaning									
Desmountling hoardind , general builders cleaning									
Cordless Drill Hilti SFH 22-A (Sound Pressure Level at 10m)	63	65	65	66	65	69	64	61	
Distance correction (min. 12m)	-2 -4	-2 -4	-2	-2 -4	-2 -4	-2 -4	-2 -4	-2 -4	
Correction due to time on (40%) Attenuation provided by the building envelope	-4 -7	-4 -9	-4 -12	-4 -14	-4 -17	-4 -20	-4 -20	-4 -20	
Total	50	50	4 7	46	42	43	38	35	50
Dust hoover Makita 4461(Sound Pressure Level at 10m)	65	65	67	67	63	57	55	51	
Distance correction (min. 12m)	-2	-2	-2	-2	-2	-2	-2	-2	
Correction due to time on (40%)	-4	-4	-4	-4	-4	-4	-4	-4	
Attenuation provided by the building envelope	-7	-9	-12	-14	-17	-20	-20	-20	
Total	52	50	49	47	40	31	29	25	48
Predicted Daily Airborne Noise Level, dB L _{Aeq,10h} at the nearest sensitive façade	55	53	52	50	45	44	39	36	52