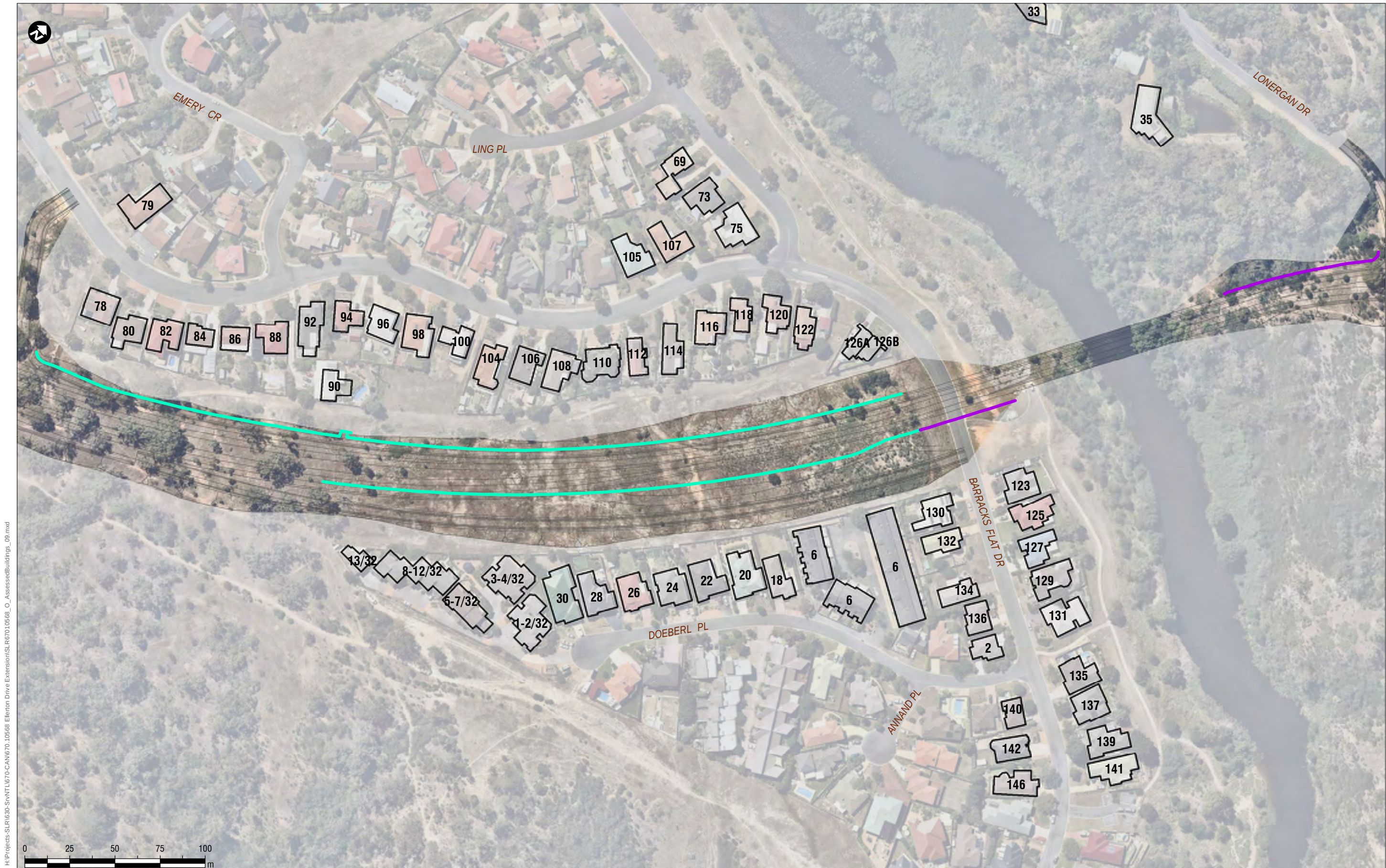




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Projection:	GDA 1994 MGA Zone 55



Noise Barrier Height

- 4.2m
- 3.6m
- 3.0m
- 2.4m

- Proposed EDE Design
- Assessed Buildings
(Building Base Height,
Building Roof Height)
- * SMA Road Surface

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

Locations of Noise Barriers

FIGURE 0 - 5



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Noise Barrier Height

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- Proposed EDE Design
- Assessed Buildings
(Building Base Height,
Building Roof Height)
- * SMA Road Surface

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

Locations of Noise Barriers

FIGURE 0 - 6

ROAD TRAFFIC NOISE PREDICTIONS – MITIGATION COMBINATIONS

NOTE THAT RESULTS ARE FOR SMA ROAD SURFACE ONLY. THE DGA VALUE MAY BE OBTAINED BY SUBTRACTING 2 dBA FROM THE SMA VALUES.

NCA1 - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
6 PATRICK BRICK COURT - GF	53	45	55	47	2.0	1.7
6 PATRICK BRICK COURT - F 1	55	47	56	48	1.5	1.2
8 PATRICK BRICK COURT - GF	51	44	59	50	7.7	6.3
8 PATRICK BRICK COURT - F 1	55	47	61	53	6.5	6.2
10 PATRICK BRICK COURT - GF	52	44	53	45	1.0	0.6
19 PATRICK BRICK COURT - GF	45	38	57	49	12.1	11.1
21 PATRICK BRICK COURT - GF	45	38	58	50	13.5	12.5
23 PATRICK BRICK COURT - GF	44	37	56	47	12.4	10.4
23 PATRICK BRICK COURT - F 1	46	39	60	52	13.8	12.8
25 PATRICK BRICK COURT - GF	44	37	57	48	12.6	10.6
25 PATRICK BRICK COURT - F 1	47	40	60	52	12.7	11.9
27 PATRICK BRICK COURT - GF	48	40	60	52	12.4	11.8
29 PATRICK BRICK COURT - GF	48	40	59	51	11.5	11.0
29 PATRICK BRICK COURT - F 1	51	43	61	53	10.2	9.9
31 PATRICK BRICK COURT - GF	47	40	58	49	10.8	9.2
31 PATRICK BRICK COURT - F 1	51	43	61	52	10.2	8.7
33 PATRICK BRICK COURT - GF	42	35	58	49	15.8	14.6
33 PATRICK BRICK COURT - F 1	46	38	60	52	14.2	13.1
31 THOMAS ROYAL GARDENS - GF	43	36	58	49	14.7	12.7
33 THOMAS ROYAL GARDENS - GF	46	39	58	50	12.4	11.4
35 THOMAS ROYAL GARDENS - GF	44	37	58	50	14.3	13.2
37 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.4	11.4
39 THOMAS ROYAL GARDENS - GF	44	37	57	49	13.4	12.4
41 THOMAS ROYAL GARDENS - GF	44	37	58	50	14.5	13.4
43 THOMAS ROYAL GARDENS - GF	44	37	58	50	14.4	13.4
45 THOMAS ROYAL GARDENS - GF	44	37	61	53	17.4	16.4
47 THOMAS ROYAL GARDENS - GF	44	37	60	52	16.5	15.5
49 THOMAS ROYAL GARDENS - GF	44	37	61	53	17.5	16.5
51 THOMAS ROYAL GARDENS - GF	44	37	61	52	17.5	15.5
53 THOMAS ROYAL GARDENS - GF	44	37	61	53	17.5	16.5
55 THOMAS ROYAL GARDENS - GF	43	36	58	50	14.7	13.7
57 THOMAS ROYAL GARDENS - GF	43	36	61	53	17.8	16.8
59 THOMAS ROYAL GARDENS - GF	43	36	60	52	16.6	15.6
61 THOMAS ROYAL GARDENS - GF	43	36	60	51	16.7	14.7

NCA1 - Scenario 2	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)		Design Year (2027)		Relative Increase with Noise Mitigation, dBA	
	"No Build"		"Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
6 PATRICK BRICK COURT - GF	53	45	54	46	0.5	0.2
6 PATRICK BRICK COURT - F 1	55	47	55	47	0.9	0.6
8 PATRICK BRICK COURT - GF	51	44	54	46	2.9	2.5
8 PATRICK BRICK COURT - F 1	55	47	61	53	6.3	5.8
10 PATRICK BRICK COURT - GF	52	44	52	44	0.6	0.2
19 PATRICK BRICK COURT - GF	45	38	53	45	8.0	6.9
21 PATRICK BRICK COURT - GF	45	38	53	45	8.9	7.7
23 PATRICK BRICK COURT - GF	44	37	52	44	8.5	7.4
23 PATRICK BRICK COURT - F 1	46	39	59	51	13.0	11.8
25 PATRICK BRICK COURT - GF	44	37	53	45	8.8	7.7
25 PATRICK BRICK COURT - F 1	47	40	60	51	12.3	11.3
27 PATRICK BRICK COURT - GF	48	40	56	48	8.2	7.5
29 PATRICK BRICK COURT - GF	48	40	54	46	6.9	6.2
29 PATRICK BRICK COURT - F 1	51	43	61	53	10.0	9.5
31 PATRICK BRICK COURT - GF	47	40	54	45	6.3	5.6
31 PATRICK BRICK COURT - F 1	51	43	60	52	9.4	8.7
33 PATRICK BRICK COURT - GF	42	35	53	45	10.9	9.9
33 PATRICK BRICK COURT - F 1	46	38	57	49	11.6	10.6
31 THOMAS ROYAL GARDENS - GF	43	36	54	45	10.3	9.1
33 THOMAS ROYAL GARDENS - GF	46	39	55	47	9.8	8.6
35 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.0	7.8
37 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.3	8.2
39 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.8	8.7
41 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.5	10.3
43 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.3	11.1
45 THOMAS ROYAL GARDENS - GF	44	37	60	52	16.6	15.4
47 THOMAS ROYAL GARDENS - GF	44	37	58	50	14.5	13.3
49 THOMAS ROYAL GARDENS - GF	44	37	60	52	16.7	15.5
51 THOMAS ROYAL GARDENS - GF	44	37	59	51	15.6	14.4
53 THOMAS ROYAL GARDENS - GF	44	37	56	47	12.1	10.9
55 THOMAS ROYAL GARDENS - GF	43	36	55	47	11.4	10.2
57 THOMAS ROYAL GARDENS - GF	43	36	57	49	13.9	12.8
59 THOMAS ROYAL GARDENS - GF	43	36	56	48	12.2	11.1
61 THOMAS ROYAL GARDENS - GF	43	36	55	47	11.4	10.3

NCA1 - Scenario 3	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)		Design Year (2027)		Relative Increase with Noise Mitigation, dBA	
	"No Build"		"Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
6 PATRICK BRICK COURT - GF	53	45	54	46	1.2	0.9
6 PATRICK BRICK COURT - F 1	55	47	56	48	1.2	0.9
8 PATRICK BRICK COURT - GF	51	44	57	49	5.4	4.9
8 PATRICK BRICK COURT - F 1	55	47	60	52	5.7	5.2
10 PATRICK BRICK COURT - GF	52	44	52	44	0.6	0.2
19 PATRICK BRICK COURT - GF	45	38	53	45	8.2	7.1
21 PATRICK BRICK COURT - GF	45	38	55	47	10.2	9.0
23 PATRICK BRICK COURT - GF	44	37	54	46	10.1	8.9
23 PATRICK BRICK COURT - F 1	46	39	58	50	12.2	11.0
25 PATRICK BRICK COURT - GF	44	37	54	46	9.7	8.5
25 PATRICK BRICK COURT - F 1	47	40	59	50	11.3	10.3
27 PATRICK BRICK COURT - GF	48	40	56	48	8.8	8.0
29 PATRICK BRICK COURT - GF	48	40	55	47	7.5	6.8
29 PATRICK BRICK COURT - F 1	51	43	60	51	8.7	8.2
31 PATRICK BRICK COURT - GF	47	40	54	46	6.9	6.2
31 PATRICK BRICK COURT - F 1	51	43	59	50	7.8	7.1
33 PATRICK BRICK COURT - GF	42	35	53	45	10.9	9.9
33 PATRICK BRICK COURT - F 1	46	38	57	49	11.6	10.6
31 THOMAS ROYAL GARDENS - GF	43	36	55	46	11.2	10.0
33 THOMAS ROYAL GARDENS - GF	46	39	56	47	10.0	8.8
35 THOMAS ROYAL GARDENS - GF	44	37	57	49	13.0	11.7
37 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.7	11.5
39 THOMAS ROYAL GARDENS - GF	44	37	57	48	12.9	11.7
41 THOMAS ROYAL GARDENS - GF	44	37	57	49	13.5	12.2
43 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.8	11.6
45 THOMAS ROYAL GARDENS - GF	44	37	60	52	16.2	15.0
47 THOMAS ROYAL GARDENS - GF	44	37	58	50	14.7	13.5
49 THOMAS ROYAL GARDENS - GF	44	37	59	51	15.7	14.5
51 THOMAS ROYAL GARDENS - GF	44	37	59	51	15.7	14.5
53 THOMAS ROYAL GARDENS - GF	44	37	58	50	14.7	13.5
55 THOMAS ROYAL GARDENS - GF	43	36	55	47	11.5	10.3
57 THOMAS ROYAL GARDENS - GF	43	36	56	48	12.7	11.5
59 THOMAS ROYAL GARDENS - GF	43	36	55	47	11.4	10.2
61 THOMAS ROYAL GARDENS - GF	43	36	54	46	10.5	9.3

NCA1 - Scenario 4	Road Surface:	SMA	Barrier Height, m:	2.4 - 3.0	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)		Design Year (2027)		Relative Increase with Noise Mitigation, dBA	
	"No Build"		"Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
6 PATRICK BRICK COURT - GF	53	45	54	46	0.6	0.3
6 PATRICK BRICK COURT - F 1	55	47	56	48	1.0	0.7
8 PATRICK BRICK COURT - GF	51	44	55	47	3.3	2.9
8 PATRICK BRICK COURT - F 1	55	47	61	53	6.4	5.9
10 PATRICK BRICK COURT - GF	52	44	51	44	-0.2	-0.5
19 PATRICK BRICK COURT - GF	45	38	53	45	8.4	7.2
21 PATRICK BRICK COURT - GF	45	38	54	46	9.3	8.1
23 PATRICK BRICK COURT - GF	44	37	52	44	8.8	7.7
23 PATRICK BRICK COURT - F 1	46	39	59	51	13.2	12.0
25 PATRICK BRICK COURT - GF	44	37	54	45	9.1	8.0
25 PATRICK BRICK COURT - F 1	47	40	60	52	12.4	11.4
27 PATRICK BRICK COURT - GF	48	40	56	48	8.8	8.0
29 PATRICK BRICK COURT - GF	48	40	55	47	7.2	6.6
29 PATRICK BRICK COURT - F 1	51	43	61	53	10.1	9.6
31 PATRICK BRICK COURT - GF	47	40	54	46	6.7	6.0
31 PATRICK BRICK COURT - F 1	51	43	60	52	9.5	8.8
33 PATRICK BRICK COURT - GF	42	35	52	44	9.9	9.0
33 PATRICK BRICK COURT - F 1	46	38	59	51	13.5	12.4
31 THOMAS ROYAL GARDENS - GF	43	36	54	46	10.7	9.5
33 THOMAS ROYAL GARDENS - GF	46	39	56	48	10.2	9.0
35 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.3	8.1
37 THOMAS ROYAL GARDENS - GF	44	37	53	44	9.0	7.8
39 THOMAS ROYAL GARDENS - GF	44	37	52	44	8.5	7.4
41 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.4	8.1
43 THOMAS ROYAL GARDENS - GF	44	37	54	46	10.5	9.4
45 THOMAS ROYAL GARDENS - GF	44	37	58	49	14.0	12.8
47 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.9	10.8
49 THOMAS ROYAL GARDENS - GF	44	37	57	49	13.7	12.6
51 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.8	11.6
53 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.4	8.3
55 THOMAS ROYAL GARDENS - GF	43	36	53	45	9.7	8.5
57 THOMAS ROYAL GARDENS - GF	43	36	54	46	10.7	9.6
59 THOMAS ROYAL GARDENS - GF	43	36	53	45	9.5	8.4
61 THOMAS ROYAL GARDENS - GF	43	36	53	45	9.4	8.2

NCA1 - Scenario 5	Road Surface:	SMA	Barrier Height, m:	3	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)		Design Year (2027)		Relative Increase with Noise Mitigation, dBA	
	"No Build"		"Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
6 PATRICK BRICK COURT - GF	53	45	54	46	0.8	0.5
6 PATRICK BRICK COURT - F 1	55	47	55	47	0.9	0.6
8 PATRICK BRICK COURT - GF	51	44	55	47	4.0	3.5
8 PATRICK BRICK COURT - F 1	55	47	59	51	4.8	4.3
10 PATRICK BRICK COURT - GF	52	44	52	44	0.2	-0.1
19 PATRICK BRICK COURT - GF	45	38	52	44	6.7	5.6
21 PATRICK BRICK COURT - GF	45	38	53	45	8.4	7.3
23 PATRICK BRICK COURT - GF	44	37	52	44	8.5	7.3
23 PATRICK BRICK COURT - F 1	46	39	57	48	10.4	9.2
25 PATRICK BRICK COURT - GF	44	37	52	44	8.0	6.9
25 PATRICK BRICK COURT - F 1	47	40	57	49	9.6	8.6
27 PATRICK BRICK COURT - GF	48	40	54	46	6.8	6.1
29 PATRICK BRICK COURT - GF	48	40	53	45	5.8	5.2
29 PATRICK BRICK COURT - F 1	51	43	58	50	6.9	6.4
31 PATRICK BRICK COURT - GF	47	40	53	44	5.3	4.6
31 PATRICK BRICK COURT - F 1	51	43	57	49	6.2	5.5
33 PATRICK BRICK COURT - GF	42	35	51	44	9.6	8.7
33 PATRICK BRICK COURT - F 1	46	38	56	48	10.3	9.3
31 THOMAS ROYAL GARDENS - GF	43	36	53	45	9.5	8.4
33 THOMAS ROYAL GARDENS - GF	46	39	54	46	8.2	7.1
35 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.0	9.7
37 THOMAS ROYAL GARDENS - GF	44	37	54	46	10.8	9.6
39 THOMAS ROYAL GARDENS - GF	44	37	54	46	10.8	9.7
41 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.2	10.0
43 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.1	9.9
45 THOMAS ROYAL GARDENS - GF	44	37	58	49	14.0	12.8
47 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.6	11.4
49 THOMAS ROYAL GARDENS - GF	44	37	57	49	13.4	12.2
51 THOMAS ROYAL GARDENS - GF	44	37	57	49	13.4	12.2
53 THOMAS ROYAL GARDENS - GF	44	37	56	48	12.4	11.2
55 THOMAS ROYAL GARDENS - GF	43	36	53	45	9.7	8.5
57 THOMAS ROYAL GARDENS - GF	43	36	54	46	10.6	9.4
59 THOMAS ROYAL GARDENS - GF	43	36	53	45	9.5	8.4
61 THOMAS ROYAL GARDENS - GF	43	36	52	44	8.7	7.6

NCA1 - Scenario 6		Road Surface:	SMA		Barrier Height, m:	3.0 - 3.6		Location:	Property boundary	
Receiver Address	Predicted Noise Levels, dBA						Relative Increase with Noise Mitigation, dBA			
	Design Year (2027)		Design Year (2027)							
	"No Build"		"Build"							
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA					
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)				
Road Noise Policy Guideline Criteria			55	50	12	12				
6 PATRICK BRICK COURT - GF	53	45	53	45	0.0	-0.3				
6 PATRICK BRICK COURT - F 1	55	47	55	47	0.5	0.2				
8 PATRICK BRICK COURT - GF	51	44	51	43	-0.3	-0.7				
8 PATRICK BRICK COURT - F 1	55	47	60	52	5.5	5.2				
10 PATRICK BRICK COURT - GF	52	44	51	43	-0.8	-1.0				
19 PATRICK BRICK COURT - GF	45	38	51	43	6.1	5.1				
21 PATRICK BRICK COURT - GF	45	38	52	44	7.5	6.5				
23 PATRICK BRICK COURT - GF	44	37	51	43	7.4	6.4				
23 PATRICK BRICK COURT - F 1	46	39	58	50	11.8	10.8				
25 PATRICK BRICK COURT - GF	44	37	52	44	7.6	6.6				
25 PATRICK BRICK COURT - F 1	47	40	59	51	11.7	10.9				
27 PATRICK BRICK COURT - GF	48	40	53	46	5.4	5.8				
29 PATRICK BRICK COURT - GF	48	40	53	45	5.5	5.0				
29 PATRICK BRICK COURT - F 1	51	43	60	52	9.2	8.9				
31 PATRICK BRICK COURT - GF	47	40	52	44	4.8	4.2				
31 PATRICK BRICK COURT - F 1	51	43	59	51	8.2	7.7				
33 PATRICK BRICK COURT - GF	42	35	50	42	8.4	7.6				
33 PATRICK BRICK COURT - F 1	46	38	57	49	11.8	10.8				
31 THOMAS ROYAL GARDENS - GF	43	36	52	44	8.7	7.7				
33 THOMAS ROYAL GARDENS - GF	46	39	53	46	7.4	7.4				
35 THOMAS ROYAL GARDENS - GF	44	37	51	43	7.3	6.2				
37 THOMAS ROYAL GARDENS - GF	44	37	51	43	7.4	6.4				
39 THOMAS ROYAL GARDENS - GF	44	37	51	43	7.4	6.4				
41 THOMAS ROYAL GARDENS - GF	44	37	52	44	8.5	7.4				
43 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.4	8.4				
45 THOMAS ROYAL GARDENS - GF	44	37	53	46	9.4	9.4				
47 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.5	8.5				
49 THOMAS ROYAL GARDENS - GF	44	37	52	45	8.5	8.5				
51 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.5	8.5				
53 THOMAS ROYAL GARDENS - GF	44	37	50	42	6.5	5.5				
55 THOMAS ROYAL GARDENS - GF	43	36	51	43	7.7	6.7				
57 THOMAS ROYAL GARDENS - GF	43	36	51	43	7.8	6.8				
59 THOMAS ROYAL GARDENS - GF	43	36	51	42	7.6	5.6				
61 THOMAS ROYAL GARDENS - GF	43	36	51	43	7.7	6.7				

NCA1 - Scenario 7	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
6 PATRICK BRICK COURT - GF	53	45	54	46	0.5	0.3
6 PATRICK BRICK COURT - F 1	55	47	55	47	0.5	0.3
8 PATRICK BRICK COURT - GF	51	44	54	46	2.7	2.3
8 PATRICK BRICK COURT - F 1	55	47	58	50	3.5	3.0
10 PATRICK BRICK COURT - GF	52	44	51	44	-0.2	-0.5
19 PATRICK BRICK COURT - GF	45	38	50	42	5.4	4.4
21 PATRICK BRICK COURT - GF	45	38	51	43	6.9	5.8
23 PATRICK BRICK COURT - GF	44	37	51	43	7.0	5.9
23 PATRICK BRICK COURT - F 1	46	39	55	47	8.6	7.4
25 PATRICK BRICK COURT - GF	44	37	51	43	6.6	5.5
25 PATRICK BRICK COURT - F 1	47	40	55	47	7.8	6.8
27 PATRICK BRICK COURT - GF	48	40	53	45	5.2	4.5
29 PATRICK BRICK COURT - GF	48	40	52	44	4.4	3.8
29 PATRICK BRICK COURT - F 1	51	43	56	48	5.2	4.7
31 PATRICK BRICK COURT - GF	47	40	51	43	3.9	3.2
31 PATRICK BRICK COURT - F 1	51	43	55	47	4.4	3.8
33 PATRICK BRICK COURT - GF	42	35	50	42	8.3	7.5
33 PATRICK BRICK COURT - F 1	46	38	54	46	8.6	7.8
31 THOMAS ROYAL GARDENS - GF	43	36	51	43	8.0	6.9
33 THOMAS ROYAL GARDENS - GF	46	39	52	44	6.8	5.8
35 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.2	8.0
37 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.1	8.0
39 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.0	7.9
41 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.3	8.1
43 THOMAS ROYAL GARDENS - GF	44	37	53	45	9.3	8.2
45 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.6	10.5
47 THOMAS ROYAL GARDENS - GF	44	37	54	46	10.5	9.3
49 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.1	10.0
51 THOMAS ROYAL GARDENS - GF	44	37	55	47	11.2	10.0
53 THOMAS ROYAL GARDENS - GF	44	37	54	46	10.3	9.2
55 THOMAS ROYAL GARDENS - GF	43	36	52	43	8.2	7.0
57 THOMAS ROYAL GARDENS - GF	43	36	52	44	8.8	7.6
59 THOMAS ROYAL GARDENS - GF	43	36	51	43	7.8	6.7
61 THOMAS ROYAL GARDENS - GF	43	36	51	43	7.2	6.2

NCA2 - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
91 ELLERTON DRIVE - GF	44	37	49	41	4.9	3.7
44 STONEHAVEN CIRCUIT - GF	51	43	55	47	4.3	4.2
46 STONEHAVEN CIRCUIT - GF	51	43	58	50	6.8	6.7
48 STONEHAVEN CIRCUIT - GF	48	41	56	48	8.4	7.3
50 STONEHAVEN CIRCUIT - GF	50	43	55	47	5.2	4.1
52 STONEHAVEN CIRCUIT - GF	50	42	56	48	5.8	5.7
54 STONEHAVEN CIRCUIT - GF	50	42	51	43	1.2	1.2
56 STONEHAVEN CIRCUIT - GF	49	42	55	47	6.0	4.9
58 STONEHAVEN CIRCUIT - GF	49	41	56	48	6.9	6.8
60 STONEHAVEN CIRCUIT - GF	46	39	57	49	10.6	9.5
62 STONEHAVEN CIRCUIT - GF	46	38	54	46	8.0	7.8
1 TENNYSON DRIVE - GF	44	37	51	43	7.2	6.1
2 TENNYSON DRIVE - GF	44	37	58	50	13.9	12.7
10 NORTHCLIFFE PLACE - GF	44	37	58	49	13.6	12.4
12 NORTHCLIFFE PLACE - GF	44	37	60	52	16.2	15.0
21 NORTHCLIFFE PLACE - GF	42	35	52	44	10.2	9.0
23 NORTHCLIFFE PLACE - GF	45	38	60	52	15.4	14.2
12 GEEBUNG PLACE - GF	40	33	46	38	5.9	4.9
14 GEEBUNG PLACE - GF	40	33	46	38	5.6	4.6
15 GEEBUNG PLACE - GF	42	35	49	40	6.5	5.4
16 GEEBUNG PLACE - GF	40	33	45	37	5.3	4.3

NCA2 - Scenario 2	Road Surface:	SMA	Barrier Height, m:	1.8	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
91 ELLERTON DRIVE - GF	44	37	49	41	4.8	3.7
44 STONEHAVEN CIRCUIT - GF	51	43	55	47	4.3	4.2
46 STONEHAVEN CIRCUIT - GF	51	43	58	50	6.8	6.7
48 STONEHAVEN CIRCUIT - GF	48	41	56	48	8.4	7.2
50 STONEHAVEN CIRCUIT - GF	50	43	55	47	5.1	4.1
52 STONEHAVEN CIRCUIT - GF	50	42	56	48	5.8	5.7
54 STONEHAVEN CIRCUIT - GF	50	42	51	43	1.2	1.2
56 STONEHAVEN CIRCUIT - GF	49	42	55	47	5.9	4.8
58 STONEHAVEN CIRCUIT - GF	49	41	56	48	6.9	6.7
60 STONEHAVEN CIRCUIT - GF	46	39	57	49	10.7	9.5
62 STONEHAVEN CIRCUIT - GF	46	38	54	46	8.0	7.9
1 TENNYSON DRIVE - GF	44	37	51	43	7.2	6.1
2 TENNYSON DRIVE - GF	44	37	58	50	13.8	12.6
10 NORTHCLIFFE PLACE - GF	44	37	58	49	13.6	12.4
12 NORTHCLIFFE PLACE - GF	44	37	60	52	16.1	14.9
21 NORTHCLIFFE PLACE - GF	42	35	52	44	10.1	8.9
23 NORTHCLIFFE PLACE - GF	45	38	59	51	14.2	13.0
12 GEEBUNG PLACE - GF	40	33	46	38	5.9	4.9
14 GEEBUNG PLACE - GF	40	33	46	38	5.7	4.7
15 GEEBUNG PLACE - GF	42	35	49	40	6.5	5.4
16 GEEBUNG PLACE - GF	40	33	45	37	5.3	4.3

NCA2 - Scenario 3	Road Surface:	SMA	Barrier Height, m:	1.8	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
91 ELLERTON DRIVE - GF	44	37	49	41	4.8	3.7
44 STONEHAVEN CIRCUIT - GF	51	43	57	49	5.6	5.5
46 STONEHAVEN CIRCUIT - GF	51	43	57	49	6.2	6.1
48 STONEHAVEN CIRCUIT - GF	48	41	56	48	8.0	6.9
50 STONEHAVEN CIRCUIT - GF	50	43	56	48	6.3	5.2
52 STONEHAVEN CIRCUIT - GF	50	42	56	48	6.0	5.9
54 STONEHAVEN CIRCUIT - GF	50	42	56	48	6.2	6.1
56 STONEHAVEN CIRCUIT - GF	49	42	57	49	8.0	6.9
58 STONEHAVEN CIRCUIT - GF	49	41	57	49	8.0	7.8
60 STONEHAVEN CIRCUIT - GF	46	39	56	48	10.4	9.2
62 STONEHAVEN CIRCUIT - GF	46	38	55	47	9.2	9.0
1 TENNYSON DRIVE - GF	44	37	57	49	13.1	11.9
2 TENNYSON DRIVE - GF	44	37	58	49	13.5	12.3
10 NORTHCLIFFE PLACE - GF	44	37	57	49	13.2	12.0
12 NORTHCLIFFE PLACE - GF	44	37	59	51	14.8	13.6
21 NORTHCLIFFE PLACE - GF	42	35	52	44	10.2	9.0
23 NORTHCLIFFE PLACE - GF	45	38	58	50	12.7	11.5
12 GEEBUNG PLACE - GF	40	33	46	38	5.9	4.9
14 GEEBUNG PLACE - GF	40	33	46	38	5.7	4.7
15 GEEBUNG PLACE - GF	42	35	49	40	6.5	5.4
16 GEEBUNG PLACE - GF	40	33	45	37	5.3	4.3
NCA2 - Scenario 4	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
91 ELLERTON DRIVE - GF	44	37	49	41	4.8	3.7
44 STONEHAVEN CIRCUIT - GF	51	43	54	46	2.5	2.5
46 STONEHAVEN CIRCUIT - GF	51	43	54	46	3.4	3.4
48 STONEHAVEN CIRCUIT - GF	48	41	54	46	5.8	4.8
50 STONEHAVEN CIRCUIT - GF	50	43	52	44	2.3	1.3
52 STONEHAVEN CIRCUIT - GF	50	42	53	45	2.9	2.8
54 STONEHAVEN CIRCUIT - GF	50	42	49	41	0.0	0.0
56 STONEHAVEN CIRCUIT - GF	49	42	52	44	2.7	1.6
58 STONEHAVEN CIRCUIT - GF	49	41	52	44	2.9	2.9
60 STONEHAVEN CIRCUIT - GF	46	39	54	45	7.6	6.4
62 STONEHAVEN CIRCUIT - GF	46	38	52	44	6.1	6.0
1 TENNYSON DRIVE - GF	44	37	49	41	5.1	4.0
2 TENNYSON DRIVE - GF	44	37	54	46	10.1	9.0
10 NORTHCLIFFE PLACE - GF	44	37	55	47	11.0	9.9
12 NORTHCLIFFE PLACE - GF	44	37	57	49	13.2	12.0
21 NORTHCLIFFE PLACE - GF	42	35	52	44	10.0	8.8
23 NORTHCLIFFE PLACE - GF	45	38	56	48	10.9	9.8
12 GEEBUNG PLACE - GF	40	33	46	38	5.9	4.9
14 GEEBUNG PLACE - GF	40	33	46	38	5.7	4.7
15 GEEBUNG PLACE - GF	42	35	49	40	6.5	5.4
16 GEEBUNG PLACE - GF	40	33	45	37	5.3	4.3

NCA2 - Scenario 5	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
91 ELLERTON DRIVE - GF	44	37	49	41	4.8	3.7
44 STONEHAVEN CIRCUIT - GF	51	43	56	47	4.5	4.4
46 STONEHAVEN CIRCUIT - GF	51	43	55	47	4.2	4.1
48 STONEHAVEN CIRCUIT - GF	48	41	54	46	5.9	4.8
50 STONEHAVEN CIRCUIT - GF	50	43	54	46	4.1	3.0
52 STONEHAVEN CIRCUIT - GF	50	42	54	46	3.8	3.8
54 STONEHAVEN CIRCUIT - GF	50	42	54	46	3.9	3.8
56 STONEHAVEN CIRCUIT - GF	49	42	55	47	5.6	4.5
58 STONEHAVEN CIRCUIT - GF	49	41	55	47	5.6	5.5
60 STONEHAVEN CIRCUIT - GF	46	39	55	46	8.6	7.4
62 STONEHAVEN CIRCUIT - GF	46	38	54	46	7.8	7.7
1 TENNYSON DRIVE - GF	44	37	56	48	12.4	11.3
2 TENNYSON DRIVE - GF	44	37	56	48	11.8	10.7
10 NORTHCLIFFE PLACE - GF	44	37	55	47	11.3	10.1
12 NORTHCLIFFE PLACE - GF	44	37	57	49	12.7	11.5
21 NORTHCLIFFE PLACE - GF	42	35	52	44	10.1	8.9
23 NORTHCLIFFE PLACE - GF	45	38	56	47	10.6	9.4
12 GEEBUNG PLACE - GF	40	33	46	38	5.9	4.9
14 GEEBUNG PLACE - GF	40	33	46	38	5.7	4.7
15 GEEBUNG PLACE - GF	42	35	49	40	6.5	5.4
16 GEEBUNG PLACE - GF	40	33	45	37	5.3	4.3

NCA2 - Scenario 6	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Property boundary (Alternate design)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
91 ELLERTON DRIVE - GF	44	37	50	42	6.4	5.3
44 STONEHAVEN CIRCUIT - GF	51	43	54	46	2.5	2.5
46 STONEHAVEN CIRCUIT - GF	51	43	54	46	3.4	3.4
48 STONEHAVEN CIRCUIT - GF	48	41	54	46	5.8	4.8
50 STONEHAVEN CIRCUIT - GF	50	43	52	45	2.4	1.5
52 STONEHAVEN CIRCUIT - GF	50	42	53	45	2.9	2.8
54 STONEHAVEN CIRCUIT - GF	50	42	52	44	1.6	1.6
56 STONEHAVEN CIRCUIT - GF	49	42	52	44	3.0	1.9
58 STONEHAVEN CIRCUIT - GF	49	41	52	44	3.3	3.2
60 STONEHAVEN CIRCUIT - GF	46	39	54	45	7.5	6.4
62 STONEHAVEN CIRCUIT - GF	46	38	52	44	6.2	6.0
1 TENNYSON DRIVE - GF	44	37	53	45	8.7	7.6
2 TENNYSON DRIVE - GF	44	37	55	47	11.0	9.8
10 NORTHCLIFFE PLACE - GF	44	37	55	47	11.0	9.9
12 NORTHCLIFFE PLACE - GF	44	37	59	51	14.7	13.5
21 NORTHCLIFFE PLACE - GF	42	35	53	45	11.3	10.1
23 NORTHCLIFFE PLACE - GF	45	38	56	48	10.9	9.8
12 GEEBUNG PLACE - GF	40	33	46	38	5.5	4.5
14 GEEBUNG PLACE - GF	40	33	45	37	5.3	4.3
15 GEEBUNG PLACE - GF	42	35	49	41	6.8	5.9
16 GEEBUNG PLACE - GF	40	33	45	37	5.0	4.0

NCA3 - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
14 TAYLOR PLACE - GF	43	36	47	39	4.1	3.2
16 TAYLOR PLACE - GF	43	36	49	41	5.7	4.6
18 TAYLOR PLACE - GF	42	35	50	42	8.2	7.1
20 TAYLOR PLACE - GF	39	32	51	43	12.4	11.2
21 TAYLOR PLACE - GF	39	32	48	40	9.3	8.2
22 TAYLOR PLACE - GF	41	34	52	44	11.0	9.8
22 TAYLOR PLACE - 1F	41	34	53	45	11.8	10.6
24 TAYLOR PLACE - GF	41	34	53	44	11.5	10.3
25 TAYLOR PLACE - GF	39	33	49	41	9.7	7.6
26 TAYLOR PLACE - GF	40	33	51	42	10.5	9.4
30 TAYLOR PLACE - GF	41	34	56	48	14.8	13.6
30 TAYLOR PLACE - 1F	41	34	57	48	15.5	14.3
32 TAYLOR PLACE - F1	39	32	54	46	15.2	13.9
32 TAYLOR PLACE - GF	39	32	55	47	16.3	15.1
34 TAYLOR PLACE - GF	40	34	48	40	8.3	6.2
36 TAYLOR PLACE - GF	40	34	48	40	7.9	5.7
38 TAYLOR PLACE - GF	37	30	54	45	16.5	15.2
40 TAYLOR PLACE - GF	38	31	46	38	8.3	7.3
42 TAYLOR PLACE - GF	39	32	45	37	5.9	5.0

NCA3 - Scenario 2	Road Surface:	SMA	Barrier Height, m:	2.5	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
14 TAYLOR PLACE - GF	43	36	47	39	4.1	3.2
16 TAYLOR PLACE - GF	43	36	49	41	5.7	4.6
18 TAYLOR PLACE - GF	42	35	50	42	8.2	7.1
20 TAYLOR PLACE - GF	39	32	51	43	12.4	11.2
21 TAYLOR PLACE - GF	39	32	48	40	9.3	8.2
22 TAYLOR PLACE - GF	41	34	52	44	10.9	9.7
22 TAYLOR PLACE - 1F	41	34	53	45	11.8	10.6
24 TAYLOR PLACE - GF	41	34	53	44	11.5	10.3
25 TAYLOR PLACE - GF	39	33	49	41	9.7	7.6
26 TAYLOR PLACE - GF	40	33	51	42	10.5	9.4
30 TAYLOR PLACE - GF	41	34	56	48	14.8	13.6
30 TAYLOR PLACE - 1F	41	34	57	48	15.5	14.2
32 TAYLOR PLACE - F1	39	32	54	45	14.6	13.4
32 TAYLOR PLACE - GF	39	32	55	47	16.3	15.0
34 TAYLOR PLACE - GF	40	34	48	40	8.2	6.1
36 TAYLOR PLACE - GF	40	34	48	40	7.7	5.5
38 TAYLOR PLACE - GF	37	30	53	44	15.6	14.3
40 TAYLOR PLACE - GF	38	31	46	38	8.3	7.3
42 TAYLOR PLACE - GF	39	32	45	37	5.9	5.0

NCA3 - Scenario 3

Road Surface: SMA

Barrier Height, m: 2.4

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
					Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
14 TAYLOR PLACE - GF	43	36	46	38	3.2	2.4
16 TAYLOR PLACE - GF	43	36	47	39	3.9	3.0
18 TAYLOR PLACE - GF	42	35	48	40	5.6	4.5
20 TAYLOR PLACE - GF	39	32	48	40	8.7	7.5
21 TAYLOR PLACE - GF	39	32	47	39	7.7	6.7
22 TAYLOR PLACE - GF	41	34	48	40	7.2	6.0
22 TAYLOR PLACE - 1F	41	34	49	41	8.1	7.0
24 TAYLOR PLACE - GF	41	34	49	41	8.3	7.2
25 TAYLOR PLACE - GF	39	33	47	39	8.0	6.0
26 TAYLOR PLACE - GF	40	33	48	40	8.4	7.3
30 TAYLOR PLACE - GF	41	34	53	45	12.2	10.9
30 TAYLOR PLACE - 1F	41	34	55	46	13.6	12.3
32 TAYLOR PLACE - F1	39	32	53	44	13.6	12.3
32 TAYLOR PLACE - GF	39	32	54	46	15.1	13.8
34 TAYLOR PLACE - GF	40	34	48	40	7.5	5.5
36 TAYLOR PLACE - GF	40	34	48	40	7.7	5.5
38 TAYLOR PLACE - GF	37	30	53	44	15.7	14.4
40 TAYLOR PLACE - GF	38	31	46	38	8.2	7.1
42 TAYLOR PLACE - GF	39	32	45	37	5.9	5.0

NCA3 - Scenario 4

Road Surface: SMA

Barrier Height, m: 3.0

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
					Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
14 TAYLOR PLACE - GF	43	36	47	39	4.1	3.2
16 TAYLOR PLACE - GF	43	36	49	41	5.7	4.6
18 TAYLOR PLACE - GF	42	35	50	42	8.2	7.1
20 TAYLOR PLACE - GF	39	32	51	43	12.4	11.2
21 TAYLOR PLACE - GF	39	32	48	40	9.3	8.2
22 TAYLOR PLACE - GF	41	34	52	44	10.9	9.7
22 TAYLOR PLACE - 1F	41	34	53	45	11.8	10.6
24 TAYLOR PLACE - GF	41	34	53	44	11.5	10.3
25 TAYLOR PLACE - GF	39	33	49	41	9.7	7.6
26 TAYLOR PLACE - GF	40	33	51	42	10.5	9.4
30 TAYLOR PLACE - GF	41	34	56	48	14.8	13.5
30 TAYLOR PLACE - 1F	41	34	57	48	15.5	14.2
32 TAYLOR PLACE - F1	39	32	53	45	14.0	12.7
32 TAYLOR PLACE - GF	39	32	55	47	16.2	14.9
34 TAYLOR PLACE - GF	40	34	48	40	8.2	6.1
36 TAYLOR PLACE - GF	40	34	48	39	7.5	5.3
38 TAYLOR PLACE - GF	37	30	52	44	15.2	14.0
40 TAYLOR PLACE - GF	38	31	46	38	8.3	7.3
42 TAYLOR PLACE - GF	39	32	45	37	5.9	5.0

NCA3 - Scenario 5

Road Surface: SMA

Barrier Height, m: 3.0

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12

14 TAYLOR PLACE - GF	43	36	46	38	3.1	2.2
16 TAYLOR PLACE - GF	43	36	47	39	3.7	2.8
18 TAYLOR PLACE - GF	42	35	47	39	5.2	4.2
20 TAYLOR PLACE - GF	39	32	47	39	8.1	7.0
21 TAYLOR PLACE - GF	39	32	46	38	7.4	6.4
22 TAYLOR PLACE - GF	41	34	48	39	6.5	5.4
22 TAYLOR PLACE - 1F	41	34	49	40	7.5	6.4
24 TAYLOR PLACE - GF	41	34	49	40	7.5	6.4
25 TAYLOR PLACE - GF	39	33	47	39	7.6	5.6
26 TAYLOR PLACE - GF	40	33	48	40	7.7	6.6
30 TAYLOR PLACE - GF	41	34	52	44	10.9	9.7
30 TAYLOR PLACE - 1F	41	34	53	45	12.3	11.1
32 TAYLOR PLACE - F1	39	32	52	43	12.5	11.2
32 TAYLOR PLACE - GF	39	32	53	45	13.9	12.7
34 TAYLOR PLACE - GF	40	34	47	39	7.1	5.0
36 TAYLOR PLACE - GF	40	34	47	39	7.2	5.0
38 TAYLOR PLACE - GF	37	30	52	44	15.2	14.0
40 TAYLOR PLACE - GF	38	31	46	38	8.1	7.1
42 TAYLOR PLACE - GF	39	32	45	37	5.9	5.0

NCA4 - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA			
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
26 SEVERNE STREET - GF	42	35	43	35	0.2	-0.1
28 SEVERNE STREET - GF	39	32	41	34	2.1	1.3
30 SEVERNE STREET - GF	38	31	43	35	4.4	3.4
32 SEVERNE STREET - GF	42	35	46	38	3.4	2.6
34 SEVERNE STREET - GF	38	32	48	40	10.1	8.7
36 SEVERNE STREET - GF	38	31	49	40	10.9	9.6
38 SEVERNE STREET - GF	39	32	48	40	8.9	7.8
40 SEVERNE STREET - GF	38	31	50	42	12.2	10.9
42 SEVERNE STREET - GF	38	31	43	35	5.1	4.1
44 SEVERNE STREET - GF	38	31	42	34	3.9	2.9
46 SEVERNE STREET - GF	38	31	45	37	6.9	5.8
48 SEVERNE STREET - GF	38	31	45	37	7.2	6.1
50 SEVERNE STREET - GF	40	33	46	38	5.4	4.5
NCA4 - Scenario 2	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA			
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
26 SEVERNE STREET - GF	42	35	43	35	0.2	-0.1
28 SEVERNE STREET - GF	39	32	41	34	2.1	1.3
30 SEVERNE STREET - GF	38	31	43	35	4.4	3.3
32 SEVERNE STREET - GF	42	35	46	38	3.4	2.6
34 SEVERNE STREET - GF	38	32	45	37	7.0	5.8
36 SEVERNE STREET - GF	38	31	45	37	6.9	5.7
38 SEVERNE STREET - GF	39	32	45	37	6.6	5.6
40 SEVERNE STREET - GF	38	31	47	39	9.3	8.0
42 SEVERNE STREET - GF	38	31	43	35	4.9	3.9
44 SEVERNE STREET - GF	38	31	42	34	3.9	2.9
46 SEVERNE STREET - GF	38	31	45	37	6.9	5.8
48 SEVERNE STREET - GF	38	31	45	37	7.1	6.0
50 SEVERNE STREET - GF	40	33	46	38	5.4	4.5
NCA4 - Scenario 3	Road Surface:	SMA	Barrier Height, m:	2.5	Location:	Outside shared path
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA			
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
26 SEVERNE STREET - GF	42	35	43	35	0.2	-0.1
28 SEVERNE STREET - GF	39	32	41	33	2.0	1.2
30 SEVERNE STREET - GF	38	31	43	35	4.4	3.4
32 SEVERNE STREET - GF	42	35	46	38	3.2	2.4
34 SEVERNE STREET - GF	38	32	48	40	10.0	8.6
36 SEVERNE STREET - GF	38	31	49	41	10.9	9.7
38 SEVERNE STREET - GF	39	32	48	40	8.9	7.8
40 SEVERNE STREET - GF	38	31	50	41	12.1	10.8
42 SEVERNE STREET - GF	38	31	43	35	5.1	4.1
44 SEVERNE STREET - GF	38	31	42	34	4.0	3.0
46 SEVERNE STREET - GF	38	31	45	37	6.9	5.8
48 SEVERNE STREET - GF	38	31	45	37	7.1	6.1
50 SEVERNE STREET - GF	40	33	46	38	5.4	4.5
NCA4 - Scenario 4	Road Surface:	SMA	Barrier Height, m:	3.0	Location:	Outside shared path
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA			
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
26 SEVERNE STREET - GF	42	35	43	35	0.2	-0.1
28 SEVERNE STREET - GF	39	32	41	33	2.0	1.2
30 SEVERNE STREET - GF	38	31	43	35	4.4	3.3
32 SEVERNE STREET - GF	42	35	45	38	3.1	2.3
34 SEVERNE STREET - GF	38	32	48	40	9.9	8.5
36 SEVERNE STREET - GF	38	31	49	40	10.9	9.6
38 SEVERNE STREET - GF	39	32	48	40	8.8	7.7
40 SEVERNE STREET - GF	38	31	50	41	12.1	10.8
42 SEVERNE STREET - GF	38	31	43	35	5.1	4.1
44 SEVERNE STREET - GF	38	31	42	34	4.0	3.0
46 SEVERNE STREET - GF	38	31	45	37	6.9	5.8
48 SEVERNE STREET - GF	38	31	45	37	7.1	6.1
50 SEVERNE STREET - GF	40	33	46	38	5.4	4.5

NCA5 - Scenario 1

Road Surface: SMA

Barrier Height, m: Nil

Location: N/A

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	4.0	2.9
1 WOODMAN PLACE - GF	39	32	44	36	5.0	4.0
3 WOODMAN PLACE - GF	38	31	45	37	6.7	5.6
5 WOODMAN PLACE - GF	41	34	47	39	5.7	4.7
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	7.1	6.0
13 WOODMAN PLACE - GF	40	33	52	44	11.9	10.7
22 LONERGAN DRIVE - GF	40	33	48	40	8.1	7.0
24 LONERGAN DRIVE - GF	40	33	52	44	11.8	10.6
26 LONERGAN DRIVE - GF	38	33	53	44	14.5	11.2
26 LONERGAN DRIVE - F1	38	33	53	45	15.1	11.9
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.7
33 LONERGAN DRIVE - GF	39	32	53	44	13.5	12.3
35 LONERGAN DRIVE - GF	36	29	53	45	17.3	16.1
35 LONERGAN DRIVE - F1	36	29	54	46	18.1	16.8

NCA5 - Scenario 2

Road Surface: SMA

Barrier Height, m: 2.4

Location: Outside shared path (longer design)

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.8	3.8
3 WOODMAN PLACE - GF	38	31	45	37	6.6	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.6	4.6
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	7.0	5.9
13 WOODMAN PLACE - GF	40	33	51	43	11.3	10.1
22 LONERGAN DRIVE - GF	40	33	48	40	7.7	6.5
24 LONERGAN DRIVE - GF	40	33	50	42	10.4	9.3
26 LONERGAN DRIVE - GF	38	33	50	42	12.1	8.9
26 LONERGAN DRIVE - F1	38	33	51	43	13.0	9.7
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.7
33 LONERGAN DRIVE - GF	39	32	52	44	12.7	11.5
35 LONERGAN DRIVE - GF	36	29	52	43	15.6	14.3
35 LONERGAN DRIVE - F1	36	29	52	44	16.3	15.0

NCA5 - Scenario 3

Road Surface: SMA

Barrier Height, m: 3.6

Location: Outside shared path (longer design)

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	3.7	2.8
1 WOODMAN PLACE - GF	39	32	44	36	4.5	3.6
3 WOODMAN PLACE - GF	38	31	44	36	6.4	5.3
5 WOODMAN PLACE - GF	41	34	46	38	5.3	4.3
11 WOODMAN PLACE - GF	40	33	44	36	3.9	3.0
12 WOODMAN PLACE - GF	41	34	48	40	6.7	5.6
13 WOODMAN PLACE - GF	40	33	51	42	10.5	9.3
22 LONERGAN DRIVE - GF	40	33	47	39	7.4	6.2
24 LONERGAN DRIVE - GF	40	33	50	42	9.9	8.7
26 LONERGAN DRIVE - GF	38	33	49	41	10.9	7.7
26 LONERGAN DRIVE - F1	38	33	50	42	11.7	8.5
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.6
33 LONERGAN DRIVE - GF	39	32	51	43	12.4	11.2
35 LONERGAN DRIVE - GF	36	29	51	43	15.3	14.0
35 LONERGAN DRIVE - F1	36	29	52	44	15.9	14.7

NCA5 - Scenario 4

Road Surface: SMA

Barrier Height, m: 2.4

Location: Outside shared path (shorter design)

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	4.0	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.9	3.9
3 WOODMAN PLACE - GF	38	31	45	37	6.6	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.6	4.5
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	7.0	5.9
13 WOODMAN PLACE - GF	40	33	52	43	11.5	10.3
22 LONERGAN DRIVE - GF	40	33	48	40	7.7	6.5
24 LONERGAN DRIVE - GF	40	33	51	43	10.7	9.5
26 LONERGAN DRIVE - GF	38	33	51	42	12.6	9.4
26 LONERGAN DRIVE - F1	38	33	51	43	13.4	10.2
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.7
33 LONERGAN DRIVE - GF	39	32	52	44	12.8	11.6
35 LONERGAN DRIVE - GF	36	29	52	43	15.6	14.3
35 LONERGAN DRIVE - F1	36	29	52	44	16.3	15.0

NCA5 - Scenario 5

Road Surface: SMA

Barrier Height, m: 3.6

Location: Outside shared path shorter design)

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.7	3.8
3 WOODMAN PLACE - GF	38	31	44	36	6.4	5.4
5 WOODMAN PLACE - GF	41	34	46	38	5.4	4.3
11 WOODMAN PLACE - GF	40	33	44	36	4.0	3.1
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	51	43	10.9	9.7
22 LONERGAN DRIVE - GF	40	33	47	39	7.4	6.2
24 LONERGAN DRIVE - GF	40	33	50	42	10.3	9.1
26 LONERGAN DRIVE - GF	38	33	50	42	11.8	8.5
26 LONERGAN DRIVE - F1	38	33	51	42	12.5	9.3
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.6
33 LONERGAN DRIVE - GF	39	32	52	43	12.5	11.3
35 LONERGAN DRIVE - GF	36	29	51	43	15.3	14.0
35 LONERGAN DRIVE - F1	36	29	52	44	15.9	14.7

NCA5 - Scenario 6

Road Surface: SMA

Barrier Height, m: 2.4

Barrier Height, m: 2.4

Location: Road side

Location: Bridge (full length)

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	4.0	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.9	3.9
3 WOODMAN PLACE - GF	38	31	45	37	6.6	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.5	4.5
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	51	43	11.3	10.1
22 LONERGAN DRIVE - GF	40	33	47	39	6.9	5.8
24 LONERGAN DRIVE - GF	40	33	50	42	10.0	8.9
26 LONERGAN DRIVE - GF	38	33	50	42	12.2	9.0
26 LONERGAN DRIVE - F1	38	33	51	43	13.1	9.9
29 LONERGAN DRIVE - GF	39	32	46	38	7.4	6.3
29 LONERGAN DRIVE - F1	40	33	47	39	7.3	6.3
31 LONERGAN DRIVE - GF	38	32	48	40	10.0	8.0
33 LONERGAN DRIVE - GF	39	32	51	43	11.9	10.7
35 LONERGAN DRIVE - GF	36	29	50	42	13.9	12.7
35 LONERGAN DRIVE - F1	36	29	51	43	14.7	13.5

NCA5 - Scenario 7	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (full length)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		
	Relative Increase with Noise Mitigation, dBA			Relative Increase in Noise Level due to EDE, dBA		
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.7	3.8
3 WOODMAN PLACE - GF	38	31	44	36	6.4	5.4
5 WOODMAN PLACE - GF	41	34	46	38	5.3	4.3
11 WOODMAN PLACE - GF	40	33	44	36	4.0	3.1
12 WOODMAN PLACE - GF	41	34	48	40	6.7	5.6
13 WOODMAN PLACE - GF	40	33	51	43	10.7	9.6
22 LONERGAN DRIVE - GF	40	33	47	39	6.6	5.5
24 LONERGAN DRIVE - GF	40	33	50	41	9.5	8.4
26 LONERGAN DRIVE - GF	38	33	49	41	11.3	8.1
26 LONERGAN DRIVE - F1	38	33	50	42	12.2	8.9
29 LONERGAN DRIVE - GF	39	32	46	38	7.4	6.3
29 LONERGAN DRIVE - F1	40	33	47	39	7.3	6.3
31 LONERGAN DRIVE - GF	38	32	48	40	9.9	7.9
33 LONERGAN DRIVE - GF	39	32	51	42	11.5	10.4
35 LONERGAN DRIVE - GF	36	29	49	41	13.4	12.2
35 LONERGAN DRIVE - F1	36	29	50	42	14.2	13.0

NCA5 - Scenario 8	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (75m)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		
	Relative Increase with Noise Mitigation, dBA			Relative Increase in Noise Level due to EDE, dBA		
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.8	3.8
3 WOODMAN PLACE - GF	38	31	45	37	6.6	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.6	4.6
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	51	43	11.2	10.0
22 LONERGAN DRIVE - GF	40	33	47	39	7.2	6.1
24 LONERGAN DRIVE - GF	40	33	50	42	10.0	8.9
26 LONERGAN DRIVE - GF	38	33	50	42	11.8	8.6
26 LONERGAN DRIVE - F1	38	33	51	43	12.7	9.5
29 LONERGAN DRIVE - GF	39	32	47	39	7.7	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.7	6.7
31 LONERGAN DRIVE - GF	38	32	49	40	10.5	8.4
33 LONERGAN DRIVE - GF	39	32	51	43	12.3	11.1
35 LONERGAN DRIVE - GF	36	29	51	42	14.6	13.3
35 LONERGAN DRIVE - F1	36	29	51	43	15.4	14.2

NCA5 - Scenario 9	Road Surface:	SMA	Barrier Height, m:		2.4	Location:		Road side
			Barrier Height, m:		2.4	Location:		Bridge (50m)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.8	3.8
3 WOODMAN PLACE - GF	38	31	45	37	6.6	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.6	4.6
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	51	43	11.3	10.1
22 LONERGAN DRIVE - GF	40	33	47	39	7.4	6.2
24 LONERGAN DRIVE - GF	40	33	50	42	10.2	9.0
26 LONERGAN DRIVE - GF	38	33	50	42	11.9	8.7
26 LONERGAN DRIVE - F1	38	33	51	43	12.8	9.6
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.8	6.8
31 LONERGAN DRIVE - GF	38	32	49	41	10.6	8.6
33 LONERGAN DRIVE - GF	39	32	52	43	12.5	11.3
35 LONERGAN DRIVE - GF	36	29	51	43	14.9	13.6
35 LONERGAN DRIVE - F1	36	29	52	43	15.7	14.4

NCA5 - Scenario 10	Road Surface:	SMA	Barrier Height, m:		3.6	Location:		Road side
			Barrier Height, m:		2.4	Location:		Bridge (50m)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.7	3.8
3 WOODMAN PLACE - GF	38	31	44	36	6.4	5.4
5 WOODMAN PLACE - GF	41	34	46	38	5.4	4.3
11 WOODMAN PLACE - GF	40	33	44	36	4.0	3.1
12 WOODMAN PLACE - GF	41	34	48	40	6.8	5.7
13 WOODMAN PLACE - GF	40	33	51	43	10.8	9.7
22 LONERGAN DRIVE - GF	40	33	47	39	7.1	5.9
24 LONERGAN DRIVE - GF	40	33	50	42	10.0	8.8
26 LONERGAN DRIVE - GF	38	33	50	41	11.6	8.3
26 LONERGAN DRIVE - F1	38	33	50	42	12.4	9.1
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.8	6.8
31 LONERGAN DRIVE - GF	38	32	49	41	10.6	8.5
33 LONERGAN DRIVE - GF	39	32	51	43	12.2	11.0
35 LONERGAN DRIVE - GF	36	29	51	42	14.5	13.3
35 LONERGAN DRIVE - F1	36	29	51	43	15.3	14.0

NCA5 - Scenario 11

Road Surface: SMA

Barrier Height, m: 2.4

Barrier Height, m: 3.6

Location: North of Loneragan Dve

Location: South of Loneragan Dve

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		
	Relative Increase with Noise Mitigation, dBA			Relative Increase in Noise Level due to EDE, dBA		
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.8	3.8
3 WOODMAN PLACE - GF	38	31	45	37	6.5	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.5	4.5
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	51	43	11.3	10.1
22 LONERGAN DRIVE - GF	40	33	48	39	7.5	6.4
24 LONERGAN DRIVE - GF	40	33	51	42	10.5	9.3
26 LONERGAN DRIVE - GF	38	33	50	42	12.3	9.1
26 LONERGAN DRIVE - F1	38	33	51	43	13.1	9.8
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.6
33 LONERGAN DRIVE - GF	39	32	52	44	12.7	11.5
35 LONERGAN DRIVE - GF	36	29	51	43	15.3	14.1
35 LONERGAN DRIVE - F1	36	29	52	44	16.0	14.7

NCA5 - Scenario 12

Road Surface: SMA

Barrier Height, m: 2.4

Barrier Height, m: 3.6

Barrier Height, m: 2.4

Location: North of Loneragan Dve

Location: South of Loneragan Dve

Location: Bridge (50m)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		
	Relative Increase with Noise Mitigation, dBA			Relative Increase in Noise Level due to EDE, dBA		
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.8	3.8
3 WOODMAN PLACE - GF	38	31	45	37	6.5	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.5	4.5
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	51	43	11.2	10.0
22 LONERGAN DRIVE - GF	40	33	47	39	7.2	6.1
24 LONERGAN DRIVE - GF	40	33	50	42	10.2	9.0
26 LONERGAN DRIVE - GF	38	33	50	42	12.1	8.9
26 LONERGAN DRIVE - F1	38	33	51	43	12.9	9.7
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.8	6.8
31 LONERGAN DRIVE - GF	38	32	49	41	10.6	8.5
33 LONERGAN DRIVE - GF	39	32	51	43	12.4	11.2
35 LONERGAN DRIVE - GF	36	29	51	42	14.6	13.3
35 LONERGAN DRIVE - F1	36	29	51	43	15.3	14.1

NCA5 - Scenario 13	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	North of Lonergan Dve
			Barrier Height, m:	3.6	Location:	South of Lonergan Dve
			Barrier Height, m:	2.4	Location:	Bridge (full length)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.8	3.8
3 WOODMAN PLACE - GF	38	31	45	37	6.5	5.5
5 WOODMAN PLACE - GF	41	34	46	38	5.4	4.4
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.7	5.6
13 WOODMAN PLACE - GF	40	33	51	43	11.1	10.0
22 LONERGAN DRIVE - GF	40	33	47	39	6.8	5.6
24 LONERGAN DRIVE - GF	40	33	50	42	9.8	8.6
26 LONERGAN DRIVE - GF	38	33	50	42	11.9	8.6
26 LONERGAN DRIVE - F1	38	33	51	43	12.8	9.5
29 LONERGAN DRIVE - GF	39	32	46	38	7.4	6.3
29 LONERGAN DRIVE - F1	40	33	47	39	7.3	6.3
31 LONERGAN DRIVE - GF	38	32	48	40	9.9	7.9
33 LONERGAN DRIVE - GF	39	32	51	43	11.7	10.5
35 LONERGAN DRIVE - GF	36	29	50	41	13.5	12.3
35 LONERGAN DRIVE - F1	36	29	50	42	14.3	13.1

NCA5 - Scenario 14	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Bridge (65m)
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Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	4.0	2.9
1 WOODMAN PLACE - GF	39	32	44	36	5.0	4.0
3 WOODMAN PLACE - GF	38	31	45	37	6.7	5.6
5 WOODMAN PLACE - GF	41	34	47	39	5.7	4.7
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	7.1	6.0
13 WOODMAN PLACE - GF	40	33	52	44	11.9	10.7
22 LONERGAN DRIVE - GF	40	33	48	40	7.8	6.6
24 LONERGAN DRIVE - GF	40	33	52	43	11.6	10.4
26 LONERGAN DRIVE - GF	38	33	52	44	14.4	11.1
26 LONERGAN DRIVE - F1	38	33	53	45	15.0	11.8
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.8	6.8
31 LONERGAN DRIVE - GF	38	32	49	41	10.6	8.5
33 LONERGAN DRIVE - GF	39	32	52	44	13.2	12.0
35 LONERGAN DRIVE - GF	36	29	53	45	16.7	15.5
35 LONERGAN DRIVE - F1	36	29	54	45	17.5	16.3

NCA5 - Scenario 15	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Bridge (full length)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	4.0	2.9
1 WOODMAN PLACE - GF	39	32	44	36	5.0	4.0
3 WOODMAN PLACE - GF	38	31	45	37	6.7	5.6
5 WOODMAN PLACE - GF	41	34	47	39	5.6	4.6
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	7.0	5.9
13 WOODMAN PLACE - GF	40	33	52	44	11.8	10.6
22 LONERGAN DRIVE - GF	40	33	48	39	7.5	6.3
24 LONERGAN DRIVE - GF	40	33	51	43	11.3	10.1
26 LONERGAN DRIVE - GF	38	33	52	44	14.3	11.0
26 LONERGAN DRIVE - F1	38	33	53	45	15.0	11.7
29 LONERGAN DRIVE - GF	39	32	46	38	7.4	6.3
29 LONERGAN DRIVE - F1	40	33	47	39	7.3	6.4
31 LONERGAN DRIVE - GF	38	32	48	40	10.0	8.0
33 LONERGAN DRIVE - GF	39	32	52	44	12.7	11.5
35 LONERGAN DRIVE - GF	36	29	52	44	16.3	15.0
35 LONERGAN DRIVE - F1	36	29	53	45	17.1	15.9

NCA5 - Scenario 16	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Outside shared path South of Lonerган Dve
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	4.0	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.9	4.0
3 WOODMAN PLACE - GF	38	31	45	37	6.7	5.6
5 WOODMAN PLACE - GF	41	34	47	39	5.7	4.6
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	7.1	5.9
13 WOODMAN PLACE - GF	40	33	52	44	11.7	10.5
22 LONERGAN DRIVE - GF	40	33	48	40	7.8	6.7
24 LONERGAN DRIVE - GF	40	33	51	43	11.1	9.9
26 LONERGAN DRIVE - GF	38	33	52	43	13.6	10.3
26 LONERGAN DRIVE - F1	38	33	52	44	14.3	11.1
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.7
33 LONERGAN DRIVE - GF	39	32	52	44	13.0	11.8
35 LONERGAN DRIVE - GF	36	29	52	43	15.6	14.4
35 LONERGAN DRIVE - F1	36	29	52	44	16.3	15.1

NCA5 - Scenario 17	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Outside shared path South of Lonerган Dve
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.9	3.9
3 WOODMAN PLACE - GF	38	31	45	37	6.6	5.5
5 WOODMAN PLACE - GF	41	34	47	39	5.6	4.5
11 WOODMAN PLACE - GF	40	33	44	36	4.3	3.4
12 WOODMAN PLACE - GF	41	34	48	40	6.9	5.8
13 WOODMAN PLACE - GF	40	33	52	43	11.6	10.4
22 LONERGAN DRIVE - GF	40	33	48	40	7.7	6.5
24 LONERGAN DRIVE - GF	40	33	51	43	10.9	9.7
26 LONERGAN DRIVE - GF	38	33	51	43	13.3	10.1
26 LONERGAN DRIVE - F1	38	33	52	44	14.1	10.8
29 LONERGAN DRIVE - GF	39	32	47	39	7.8	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.9
31 LONERGAN DRIVE - GF	38	32	49	41	10.7	8.6
33 LONERGAN DRIVE - GF	39	32	52	44	12.8	11.6
35 LONERGAN DRIVE - GF	36	29	51	43	15.4	14.1
35 LONERGAN DRIVE - F1	36	29	52	44	16.0	14.8

NCA5 - Scenario 18	Road Surface:	SMA	Barrier Height, m:	6.0	Location:	North of Lonerган Dve
			Barrier Height, m:	2.4	Location:	Bridge (full length)
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
52 SEVERNE STREET - GF	39	32	43	35	3.9	2.9
1 WOODMAN PLACE - GF	39	32	44	36	4.6	3.6
3 WOODMAN PLACE - GF	38	31	44	36	6.3	5.3
5 WOODMAN PLACE - GF	41	34	46	38	5.2	4.2
11 WOODMAN PLACE - GF	40	33	44	36	4.0	3.1
12 WOODMAN PLACE - GF	41	34	48	40	6.6	5.5
13 WOODMAN PLACE - GF	40	33	51	42	10.6	9.4
22 LONERGAN DRIVE - GF	40	33	47	39	7.2	6.1
24 LONERGAN DRIVE - GF	40	33	50	42	10.0	8.9
26 LONERGAN DRIVE - GF	38	33	50	41	11.5	8.3
26 LONERGAN DRIVE - F1	38	33	50	42	12.2	9.0
29 LONERGAN DRIVE - GF	39	32	47	39	7.7	6.7
29 LONERGAN DRIVE - F1	40	33	48	40	7.9	6.8
31 LONERGAN DRIVE - GF	38	32	49	41	10.6	8.6
33 LONERGAN DRIVE - GF	39	32	51	43	12.4	11.2
35 LONERGAN DRIVE - GF	36	29	51	43	15.0	13.8
35 LONERGAN DRIVE - F1	36	29	52	43	15.7	14.4

NCA6 - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
40A Serverne Street	36.8	29.8	55	47	17.9	16.7

NCA7 - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.6
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.5	11.1
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.2
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.2	10.8
130 BARRACKS FLAT DRIVE - GF	38	31	58	50	19.9	18.8
130 BARRACKS FLAT DRIVE - F 1	39	32	59	51	19.9	18.9
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.9	9.7
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.8	13.6
132 BARRACKS FLAT DRIVE - F1	39	32	54	45	14.3	13.1
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.8	11.5
134 BARRACKS FLAT DRIVE - F1	39	32	53	45	14.0	12.6
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.9	10.6
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	11.2
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.6
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.0	8.8
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
146 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.0	7.8
2 DOEBERL PLACE - GF	37	30	48	40	11.4	10.2
6 DOEBERL PLACE (SOUTH) - GF	38	31	60	52	22.4	21.3
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	53	21.9	20.9
6 DOEBERL PLACE (NORTH) - GF	39	32	59	52	19.9	20.1
6 DOEBERL PLACE (NORTH) - F 1	40	33	60	54	20.4	20.7
6 DOEBERL PLACE - GF	36	29	49	41	13.1	11.9
6 DOEBERL PLACE - F 1	37	30	51	43	14.2	13.0
18 DOEBERL PLACE - GF	39	32	57	49	18.3	17.0
20 DOEBERL PLACE - GF	39	33	60	52	20.3	19.2
22 DOEBERL PLACE - GF	39	32	59	51	19.9	18.8
24 DOEBERL PLACE - GF	39	32	58	50	18.9	17.7
24 DOEBERL PLACE - F 1	40	33	59	51	19.4	18.3
26 DOEBERL PLACE - GF	38	31	59	51	20.5	19.3
28 DOEBERL PLACE - GF	38	31	59	50	20.3	19.1
28 DOEBERL PLACE - F 1	39	32	60	52	20.4	19.4
30 DOEBERL PLACE - GF	39	32	60	52	20.9	19.8
Unit 3 32 DOEBERL PLACE - GF	39	32	59	51	19.7	18.6
Unit 4 32 DOEBERL PLACE - GF	39	32	60	52	20.5	19.4
Unit 5 32 DOEBERL PLACE - GF	40	33	53	45	12.6	11.4
Unit 6 32 DOEBERL PLACE - GF	40	33	55	47	14.5	13.4
Unit 7 32 DOEBERL PLACE - GF	40	33	56	48	16.6	15.3
Unit 8 32 DOEBERL PLACE - GF	40	34	59	51	18.7	17.5
Unit 8 32 DOEBERL PLACE - F 1	42	35	60	52	18.1	17.0
Unit 9 32 DOEBERL PLACE - GF	40	34	60	52	19.2	18.1
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.6	17.6
Unit 10 32 DOEBERL PLACE - GF	41	34	60	52	19.2	18.2
Unit 10 32 DOEBERL PLACE - F 1	42	35	61	53	18.8	17.7
Unit 11 32 DOEBERL PLACE - GF	41	34	59	51	18.7	17.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	60	52	18.4	17.3
Unit 12 32 DOEBERL PLACE - GF	41	34	60	52	19.2	18.0
Unit 12 32 DOEBERL PLACE - F 1	42	35	61	53	18.8	17.8
Unit 13 32 DOEBERL PLACE - GF	41	34	60	52	19.0	18.0
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.8	17.8

NCA7 - Scenario 2	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	50	42	13.0	11.7
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.4	11.1
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.2
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.2	10.8
130 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.7	13.7
130 BARRACKS FLAT DRIVE - F 1	39	32	55	47	15.7	15.0
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.9	9.7
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.7	13.5
132 BARRACKS FLAT DRIVE - F1	39	32	53	44	13.3	12.0
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.4	11.1
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.4	11.1
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.8	10.5
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.8	11.0
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.5
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	47	38	9.1	7.9
146 BARRACKS FLAT DRIVE - GF	37	30	46	37	8.5	7.3
2 DOEBERL PLACE - GF	37	30	48	40	11.3	10.1
6 DOEBERL PLACE (SOUTH) - GF	38	31	54	47	16.4	15.8
6 DOEBERL PLACE (SOUTH) - F 1	39	32	56	49	17.1	16.8
6 DOEBERL PLACE (NORTH) - GF	39	32	52	48	13.2	16.2
6 DOEBERL PLACE (NORTH) - F 1	40	33	56	50	15.8	16.8
6 DOEBERL PLACE - GF	36	29	49	40	12.6	11.4
6 DOEBERL PLACE - F 1	37	30	51	43	13.8	12.6
18 DOEBERL PLACE - GF	39	32	50	42	10.5	9.4
20 DOEBERL PLACE - GF	39	33	53	46	14.0	13.0
22 DOEBERL PLACE - GF	39	32	53	45	13.9	12.9
24 DOEBERL PLACE - GF	39	32	52	44	13.1	12.0
24 DOEBERL PLACE - F 1	40	33	54	46	14.3	13.4
26 DOEBERL PLACE - GF	38	31	53	45	14.9	13.8
28 DOEBERL PLACE - GF	38	31	52	44	14.2	13.0
28 DOEBERL PLACE - F 1	39	32	55	47	15.9	14.9
30 DOEBERL PLACE - GF	39	32	56	48	16.4	15.4
Unit 3 32 DOEBERL PLACE - GF	39	32	54	46	14.8	13.7
Unit 4 32 DOEBERL PLACE - GF	39	32	55	47	15.5	14.6
Unit 5 32 DOEBERL PLACE - GF	40	33	50	42	9.7	8.5
Unit 6 32 DOEBERL PLACE - GF	40	33	51	43	10.6	9.6
Unit 7 32 DOEBERL PLACE - GF	40	33	52	43	12.0	10.8
Unit 8 32 DOEBERL PLACE - GF	40	34	55	47	14.2	13.1
Unit 8 32 DOEBERL PLACE - F 1	42	35	57	49	14.8	13.9
Unit 9 32 DOEBERL PLACE - GF	40	34	55	47	14.6	13.7
Unit 9 32 DOEBERL PLACE - F 1	42	35	57	49	15.2	14.5
Unit 10 32 DOEBERL PLACE - GF	41	34	55	47	14.4	13.6
Unit 10 32 DOEBERL PLACE - F 1	42	35	57	49	15.2	14.4
Unit 11 32 DOEBERL PLACE - GF	41	34	54	46	13.2	12.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	56	48	14.4	13.6
Unit 12 32 DOEBERL PLACE - GF	41	34	54	46	13.6	12.6
Unit 12 32 DOEBERL PLACE - F 1	42	35	57	49	14.8	14.2
Unit 13 32 DOEBERL PLACE - GF	41	34	56	48	14.7	13.9
Unit 13 32 DOEBERL PLACE - F 1	42	35	58	50	15.3	14.6

NCA7 - Scenario 3	Road Surface:	SMA	Barrier Height, m:	3.0	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.9	11.6
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.4	11.1
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.1
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.1	10.7
130 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.5	13.5
130 BARRACKS FLAT DRIVE - F 1	39	32	54	47	15.5	14.9
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.8	9.6
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.7	13.4
132 BARRACKS FLAT DRIVE - F1	39	32	52	44	13.1	11.9
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.4	11.0
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.3	11.0
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.8	10.5
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.8	11.0
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.5
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.5	8.3
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.3	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.0	7.8
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.3	7.2
2 DOEBERL PLACE - GF	37	30	48	40	11.1	9.9
6 DOEBERL PLACE (SOUTH) - GF	38	31	54	47	15.9	15.4
6 DOEBERL PLACE (SOUTH) - F 1	39	32	56	49	16.6	16.4
6 DOEBERL PLACE (NORTH) - GF	39	32	52	48	12.8	15.9
6 DOEBERL PLACE (NORTH) - F 1	40	33	55	49	15.5	16.5
6 DOEBERL PLACE - GF	36	29	48	40	12.2	11.0
6 DOEBERL PLACE - F 1	37	30	51	43	13.5	12.3
18 DOEBERL PLACE - GF	39	32	49	41	9.5	8.4
20 DOEBERL PLACE - GF	39	33	53	45	13.2	12.2
22 DOEBERL PLACE - GF	39	32	52	45	13.0	12.1
24 DOEBERL PLACE - GF	39	32	52	44	12.2	11.2
24 DOEBERL PLACE - F 1	40	33	53	46	13.2	12.5
26 DOEBERL PLACE - GF	38	31	52	44	14.0	13.0
28 DOEBERL PLACE - GF	38	31	52	44	13.5	12.4
28 DOEBERL PLACE - F 1	39	32	54	46	14.8	13.9
30 DOEBERL PLACE - GF	39	32	55	47	15.3	14.4
Unit 3 32 DOEBERL PLACE - GF	39	32	53	45	13.7	12.7
Unit 4 32 DOEBERL PLACE - GF	39	32	54	46	14.4	13.6
Unit 5 32 DOEBERL PLACE - GF	40	33	49	41	9.0	7.8
Unit 6 32 DOEBERL PLACE - GF	40	33	50	42	9.7	8.7
Unit 7 32 DOEBERL PLACE - GF	40	33	50	42	10.9	9.8
Unit 8 32 DOEBERL PLACE - GF	40	34	54	46	13.1	12.2
Unit 8 32 DOEBERL PLACE - F 1	42	35	56	48	13.8	13.1
Unit 9 32 DOEBERL PLACE - GF	40	34	54	46	13.6	12.7
Unit 9 32 DOEBERL PLACE - F 1	42	35	56	48	14.2	13.7
Unit 10 32 DOEBERL PLACE - GF	41	34	54	46	13.3	12.7
Unit 10 32 DOEBERL PLACE - F 1	42	35	56	48	14.2	13.6
Unit 11 32 DOEBERL PLACE - GF	41	34	53	45	12.0	11.1
Unit 11 32 DOEBERL PLACE - F 1	42	35	55	48	13.3	12.7
Unit 12 32 DOEBERL PLACE - GF	41	34	53	45	12.5	11.6
Unit 12 32 DOEBERL PLACE - F 1	42	35	56	48	13.8	13.4
Unit 13 32 DOEBERL PLACE - GF	41	34	55	47	14.0	13.3
Unit 13 32 DOEBERL PLACE - F 1	42	35	57	49	14.6	14.0

NCA7 - Scenario 4	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	50	41	12.8	11.5
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.3	11.0
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.6	11.1
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.1	10.7
130 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.3	13.3
130 BARRACKS FLAT DRIVE - F 1	39	32	54	47	15.4	14.7
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.7	9.5
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.7	13.4
132 BARRACKS FLAT DRIVE - F1	39	32	52	44	13.0	11.7
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.3	11.0
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.1	10.8
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.7	10.4
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.9
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.7	9.4
139 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.9	9.6
140 BARRACKS FLAT DRIVE - GF	37	30	47	38	9.4	8.2
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.3	9.0
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.9	7.7
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.2	7.1
2 DOEBERL PLACE - GF	37	30	48	40	11.1	9.9
6 DOEBERL PLACE (SOUTH) - GF	38	31	54	46	15.5	15.1
6 DOEBERL PLACE (SOUTH) - F 1	39	32	56	48	16.2	16.1
6 DOEBERL PLACE (NORTH) - GF	39	32	52	48	12.6	15.8
6 DOEBERL PLACE (NORTH) - F 1	40	33	55	49	15.3	16.4
6 DOEBERL PLACE - GF	36	29	48	40	11.9	10.7
6 DOEBERL PLACE - F 1	37	30	51	42	13.3	12.0
18 DOEBERL PLACE - GF	39	32	48	40	8.5	7.5
20 DOEBERL PLACE - GF	39	33	52	44	12.6	11.7
22 DOEBERL PLACE - GF	39	32	52	44	12.3	11.4
24 DOEBERL PLACE - GF	39	32	51	43	11.5	10.5
24 DOEBERL PLACE - F 1	40	33	53	45	12.5	11.8
26 DOEBERL PLACE - GF	38	31	51	43	13.2	12.2
28 DOEBERL PLACE - GF	38	31	51	43	12.8	11.7
28 DOEBERL PLACE - F 1	39	32	53	45	13.9	13.0
30 DOEBERL PLACE - GF	39	32	54	46	14.4	13.6
Unit 3 32 DOEBERL PLACE - GF	39	32	52	44	12.7	11.8
Unit 4 32 DOEBERL PLACE - GF	39	32	53	45	13.5	12.8
Unit 5 32 DOEBERL PLACE - GF	40	33	49	41	8.3	7.2
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.9	7.9
Unit 7 32 DOEBERL PLACE - GF	40	33	50	42	10.0	9.0
Unit 8 32 DOEBERL PLACE - GF	40	34	53	45	12.1	11.3
Unit 8 32 DOEBERL PLACE - F 1	42	35	55	47	12.9	12.3
Unit 9 32 DOEBERL PLACE - GF	40	34	53	45	12.6	11.9
Unit 9 32 DOEBERL PLACE - F 1	42	35	55	48	13.4	12.9
Unit 10 32 DOEBERL PLACE - GF	41	34	53	45	12.4	11.9
Unit 10 32 DOEBERL PLACE - F 1	42	35	55	48	13.3	12.9
Unit 11 32 DOEBERL PLACE - GF	41	34	52	44	11.0	10.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	47	12.5	12.0
Unit 12 32 DOEBERL PLACE - GF	41	34	52	45	11.6	10.8
Unit 12 32 DOEBERL PLACE - F 1	42	35	55	48	13.0	12.7
Unit 13 32 DOEBERL PLACE - GF	41	34	55	47	13.6	12.9
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	14.0	13.5

NCA7 - Scenario 5	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	50	41	12.8	11.5
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.3	11.0
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.6	11.0
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.1	10.6
130 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.2	13.2
130 BARRACKS FLAT DRIVE - F 1	39	32	54	46	15.3	14.6
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.7	9.5
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.6	13.4
132 BARRACKS FLAT DRIVE - F1	39	32	52	44	12.8	11.6
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.3	11.0
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.0	10.7
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.9	10.6
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.9
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.6
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	38	9.3	8.1
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.8	7.6
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.1	7.0
2 DOEBERL PLACE - GF	37	30	48	40	11.0	9.8
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	46	15.3	14.9
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	16.0	15.9
6 DOEBERL PLACE (NORTH) - GF	39	32	52	48	12.4	15.7
6 DOEBERL PLACE (NORTH) - F 1	40	33	55	49	15.2	16.3
6 DOEBERL PLACE - GF	36	29	49	41	13.1	11.9
6 DOEBERL PLACE - F 1	37	30	51	43	14.2	13.0
18 DOEBERL PLACE - GF	39	32	47	39	7.7	6.8
20 DOEBERL PLACE - GF	39	33	52	44	12.1	11.3
22 DOEBERL PLACE - GF	39	32	51	43	11.8	11.0
24 DOEBERL PLACE - GF	39	32	50	42	11.0	10.0
24 DOEBERL PLACE - F 1	40	33	52	44	11.9	11.2
26 DOEBERL PLACE - GF	38	31	51	43	12.5	11.6
28 DOEBERL PLACE - GF	38	31	50	42	12.2	11.1
28 DOEBERL PLACE - F 1	39	32	52	45	13.1	12.4
30 DOEBERL PLACE - GF	39	32	53	45	13.6	13.0
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9	11.0
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7	12.2
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8	6.7
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2	7.3
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3	8.4
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4	10.6
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2	11.8
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9	11.3
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.4
Unit 10 32 DOEBERL PLACE - GF	41	34	52	45	11.8	11.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.3
Unit 11 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	46	11.8	11.4
Unit 12 32 DOEBERL PLACE - GF	41	34	52	44	10.9	10.2
Unit 12 32 DOEBERL PLACE - F 1	42	35	54	47	12.4	12.2
Unit 13 32 DOEBERL PLACE - GF	41	34	54	47	13.2	12.6
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	13.6	13.2

Receiver Address	Road Surface: SMA		Barrier Height, m: 2.4		Location: Road side	
			Barrier Height, m: 2.4		Location: Bridge (105m)	
	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA		
Daytime LAeq(15hour)		Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.3	10.0
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.7	9.4
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.4	9.8
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.9	9.5
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.6	11.7
130 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.9	13.5
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7
132 BARRACKS FLAT DRIVE - GF	36	29	49	40	12.3	11.1
132 BARRACKS FLAT DRIVE - F1	39	32	50	42	11.0	9.8
134 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.5	9.2
134 BARRACKS FLAT DRIVE - F1	39	32	49	41	10.5	9.2
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.5	9.2
136 BARRACKS FLAT DRIVE - GF	37	30	48	39	10.1	9.3
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	9.9	8.7
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.0	8.8
140 BARRACKS FLAT DRIVE - GF	37	30	46	37	8.3	7.1
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.3
142 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.9	6.8
146 BARRACKS FLAT DRIVE - GF	37	30	44	36	7.3	6.2
2 DOEBERL PLACE - GF	37	30	47	39	9.7	8.5
6 DOEBERL PLACE (SOUTH) - GF	38	31	54	46	15.6	15.2
6 DOEBERL PLACE (SOUTH) - F 1	39	32	56	49	16.6	16.4
6 DOEBERL PLACE (NORTH) - GF	39	32	51	48	11.8	15.4
6 DOEBERL PLACE (NORTH) - F 1	40	33	55	49	14.9	16.0
6 DOEBERL PLACE - GF	36	29	48	39	11.6	10.5
6 DOEBERL PLACE - F 1	37	30	50	41	12.3	11.1
18 DOEBERL PLACE - GF	39	32	50	42	10.5	9.4
20 DOEBERL PLACE - GF	39	33	53	45	13.5	12.5
22 DOEBERL PLACE - GF	39	32	53	45	13.5	12.6
24 DOEBERL PLACE - GF	39	32	52	44	12.7	11.7
24 DOEBERL PLACE - F 1	40	33	54	46	14.0	13.2
26 DOEBERL PLACE - GF	38	31	53	45	14.7	13.6
28 DOEBERL PLACE - GF	38	31	52	44	14.0	12.8
28 DOEBERL PLACE - F 1	39	32	55	47	15.8	14.8
30 DOEBERL PLACE - GF	39	32	56	48	16.3	15.3
Unit 3 32 DOEBERL PLACE - GF	39	32	54	46	14.8	13.7
Unit 4 32 DOEBERL PLACE - GF	39	32	55	47	15.5	14.6
Unit 5 32 DOEBERL PLACE - GF	40	33	50	42	9.7	8.5
Unit 6 32 DOEBERL PLACE - GF	40	33	51	43	10.6	9.6
Unit 7 32 DOEBERL PLACE - GF	40	33	52	43	12.0	10.8
Unit 8 32 DOEBERL PLACE - GF	40	34	55	47	14.2	13.1
Unit 8 32 DOEBERL PLACE - F 1	42	35	57	49	14.8	13.9
Unit 9 32 DOEBERL PLACE - GF	40	34	55	47	14.6	13.7
Unit 9 32 DOEBERL PLACE - F 1	42	35	57	49	15.2	14.5
Unit 10 32 DOEBERL PLACE - GF	41	34	55	47	14.4	13.6
Unit 10 32 DOEBERL PLACE - F 1	42	35	57	49	15.2	14.4
Unit 11 32 DOEBERL PLACE - GF	41	34	54	46	13.2	12.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	56	48	14.4	13.6
Unit 12 32 DOEBERL PLACE - GF	41	34	54	46	13.6	12.6
Unit 12 32 DOEBERL PLACE - F 1	42	35	57	49	14.8	14.2
Unit 13 32 DOEBERL PLACE - GF	41	34	56	48	14.7	13.9
Unit 13 32 DOEBERL PLACE - F 1	42	35	58	50	15.3	14.6

NCA7 - Scenario 7	Road Surface:	SMA	Barrier Height, m:	3.0	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (105m)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA		
				Relative Increase in Noise Level due to EDE, dBA		
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.2	9.9
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.7	9.3
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.3	9.8
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.8	9.4
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.2	11.4
130 BARRACKS FLAT DRIVE - F 1	39	32	52	45	13.6	13.2
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.7	8.5
132 BARRACKS FLAT DRIVE - GF	36	29	49	40	12.3	11.1
132 BARRACKS FLAT DRIVE - F1	39	32	50	42	10.7	9.5
134 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.4	9.1
134 BARRACKS FLAT DRIVE - F1	39	32	49	41	10.2	8.9
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.4	9.1
136 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.0	9.2
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	9.9	8.6
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.0	8.7
140 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.2	7.0
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.3
142 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.8	6.6
146 BARRACKS FLAT DRIVE - GF	37	30	44	36	7.1	6.0
2 DOEBERL PLACE - GF	37	30	47	38	9.5	8.4
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	46	15.1	14.7
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	16.0	15.9
6 DOEBERL PLACE (NORTH) - GF	39	32	51	47	11.3	15.2
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	49	14.5	15.8
6 DOEBERL PLACE - GF	36	29	47	39	11.1	10.0
6 DOEBERL PLACE - F 1	37	30	49	41	11.9	10.7
18 DOEBERL PLACE - GF	39	32	49	41	9.5	8.4
20 DOEBERL PLACE - GF	39	33	52	44	12.5	11.6
22 DOEBERL PLACE - GF	39	32	52	44	12.5	11.6
24 DOEBERL PLACE - GF	39	32	51	43	11.8	10.8
24 DOEBERL PLACE - F 1	40	33	53	45	12.9	12.2
26 DOEBERL PLACE - GF	38	31	52	44	13.7	12.7
28 DOEBERL PLACE - GF	38	31	51	43	13.2	12.1
28 DOEBERL PLACE - F 1	39	32	54	46	14.6	13.8
30 DOEBERL PLACE - GF	39	32	55	47	15.2	14.3
Unit 3 32 DOEBERL PLACE - GF	39	32	53	45	13.7	12.7
Unit 4 32 DOEBERL PLACE - GF	39	32	54	46	14.4	13.6
Unit 5 32 DOEBERL PLACE - GF	40	33	49	41	8.9	7.8
Unit 6 32 DOEBERL PLACE - GF	40	33	50	42	9.7	8.7
Unit 7 32 DOEBERL PLACE - GF	40	33	50	42	10.9	9.8
Unit 8 32 DOEBERL PLACE - GF	40	34	54	46	13.1	12.2
Unit 8 32 DOEBERL PLACE - F 1	42	35	56	48	13.8	13.1
Unit 9 32 DOEBERL PLACE - GF	40	34	54	46	13.6	12.7
Unit 9 32 DOEBERL PLACE - F 1	42	35	56	48	14.2	13.7
Unit 10 32 DOEBERL PLACE - GF	41	34	54	46	13.3	12.7
Unit 10 32 DOEBERL PLACE - F 1	42	35	56	48	14.2	13.6
Unit 11 32 DOEBERL PLACE - GF	41	34	53	45	12.0	11.1
Unit 11 32 DOEBERL PLACE - F 1	42	35	55	48	13.3	12.7
Unit 12 32 DOEBERL PLACE - GF	41	34	53	45	12.5	11.6
Unit 12 32 DOEBERL PLACE - F 1	42	35	56	48	13.8	13.4
Unit 13 32 DOEBERL PLACE - GF	41	34	55	47	14.0	13.3
Unit 13 32 DOEBERL PLACE - F 1	42	35	57	49	14.6	14.0

NCA7 - Scenario 8	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (105m)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase with Noise Mitigation, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.1	9.8
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.6	9.3
127 BARRACKS FLAT DRIVE - GF	38	31	49	40	10.2	9.7
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.8	9.4
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.9	11.2
130 BARRACKS FLAT DRIVE - F 1	39	32	52	45	13.4	13.0
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.7	8.5
132 BARRACKS FLAT DRIVE - GF	36	29	49	40	12.3	11.1
132 BARRACKS FLAT DRIVE - F 1	39	32	50	42	10.4	9.2
134 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.4	9.1
134 BARRACKS FLAT DRIVE - F 1	39	32	49	41	10.0	8.7
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.3	9.0
136 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	9.1
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	9.9	8.6
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.0	8.7
140 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.0	6.9
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.5	8.3
142 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.6	6.4
146 BARRACKS FLAT DRIVE - GF	37	30	44	36	7.0	5.8
2 DOEBERL PLACE - GF	37	30	46	38	9.4	8.2
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	46	14.7	14.4
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.6	15.6
6 DOEBERL PLACE (NORTH) - GF	39	32	50	47	10.9	15.0
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	49	14.3	15.6
6 DOEBERL PLACE - GF	36	29	47	39	10.7	9.6
6 DOEBERL PLACE - F 1	37	30	49	41	11.5	10.3
18 DOEBERL PLACE - GF	39	32	48	40	8.5	7.5
20 DOEBERL PLACE - GF	39	33	51	44	11.8	11.0
22 DOEBERL PLACE - GF	39	32	51	43	11.7	10.9
24 DOEBERL PLACE - GF	39	32	50	42	11.0	10.1
24 DOEBERL PLACE - F 1	40	33	52	44	12.1	11.4
26 DOEBERL PLACE - GF	38	31	51	43	12.8	11.9
28 DOEBERL PLACE - GF	38	31	51	43	12.4	11.3
28 DOEBERL PLACE - F 1	39	32	53	45	13.6	12.8
30 DOEBERL PLACE - GF	39	32	54	46	14.3	13.5
Unit 3 32 DOEBERL PLACE - GF	39	32	52	44	12.7	11.8
Unit 4 32 DOEBERL PLACE - GF	39	32	53	45	13.5	12.8
Unit 5 32 DOEBERL PLACE - GF	40	33	49	41	8.3	7.2
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.9	7.9
Unit 7 32 DOEBERL PLACE - GF	40	33	50	42	10.0	9.0
Unit 8 32 DOEBERL PLACE - GF	40	34	53	45	12.1	11.3
Unit 8 32 DOEBERL PLACE - F 1	42	35	55	47	12.9	12.3
Unit 9 32 DOEBERL PLACE - GF	40	34	53	45	12.6	11.9
Unit 9 32 DOEBERL PLACE - F 1	42	35	55	48	13.4	12.9
Unit 10 32 DOEBERL PLACE - GF	41	34	53	45	12.4	11.9
Unit 10 32 DOEBERL PLACE - F 1	42	35	55	48	13.3	12.9
Unit 11 32 DOEBERL PLACE - GF	41	34	52	44	11.0	10.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	47	12.5	12.0
Unit 12 32 DOEBERL PLACE - GF	41	34	52	45	11.6	10.8
Unit 12 32 DOEBERL PLACE - F 1	42	35	55	48	13.0	12.7
Unit 13 32 DOEBERL PLACE - GF	41	34	55	47	13.6	12.9
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	14.0	13.5

NCA7 - Scenario 9	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (105m)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase with Noise Mitigation, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.0	9.7
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.5	9.2
127 BARRACKS FLAT DRIVE - GF	38	31	49	40	10.2	9.6
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.8	9.3
130 BARRACKS FLAT DRIVE - GF	38	31	49	42	11.7	11.0
130 BARRACKS FLAT DRIVE - F 1	39	32	52	45	13.2	12.9
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
132 BARRACKS FLAT DRIVE - GF	36	29	49	40	12.3	11.0
132 BARRACKS FLAT DRIVE - F1	39	32	50	41	10.2	9.1
134 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.3	9.0
134 BARRACKS FLAT DRIVE - F1	39	32	49	41	9.8	8.5
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.5	9.3
136 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.8	9.0
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	10.0	8.7
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.1	8.8
140 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.9	6.7
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.4
142 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.5	6.3
146 BARRACKS FLAT DRIVE - GF	37	30	44	36	6.9	5.7
2 DOEBERL PLACE - GF	37	30	46	38	9.3	8.1
6 DOEBERL PLACE (SOUTH) - GF	38	31	52	45	14.4	14.2
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.3	15.4
6 DOEBERL PLACE (NORTH) - GF	39	32	50	47	10.6	14.8
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	48	14.1	15.4
6 DOEBERL PLACE - GF	36	29	48	40	12.3	11.1
6 DOEBERL PLACE - F 1	37	30	50	42	12.9	11.6
18 DOEBERL PLACE - GF	39	32	47	39	7.7	6.8
20 DOEBERL PLACE - GF	39	33	51	43	11.2	10.5
22 DOEBERL PLACE - GF	39	32	51	43	11.1	10.4
24 DOEBERL PLACE - GF	39	32	50	42	10.4	9.5
24 DOEBERL PLACE - F 1	40	33	51	44	11.4	10.9
26 DOEBERL PLACE - GF	38	31	50	42	12.1	11.2
28 DOEBERL PLACE - GF	38	31	50	42	11.8	10.7
28 DOEBERL PLACE - F 1	39	32	52	44	12.8	12.1
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.9
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9	11.0
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7	12.2
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8	6.7
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2	7.3
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3	8.4
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4	10.6
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2	11.8
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9	11.3
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.4
Unit 10 32 DOEBERL PLACE - GF	41	34	52	45	11.8	11.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.3
Unit 11 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	46	11.8	11.4
Unit 12 32 DOEBERL PLACE - GF	41	34	52	44	10.9	10.2
Unit 12 32 DOEBERL PLACE - F 1	42	35	54	47	12.4	12.2
Unit 13 32 DOEBERL PLACE - GF	41	34	54	47	13.2	12.6
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	13.6	13.2

NCA7 - Scenario 10	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.6
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.5	11.2
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.2
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.2	10.8
130 BARRACKS FLAT DRIVE - GF	38	31	55	47	17.7	16.5
130 BARRACKS FLAT DRIVE - F 1	39	32	59	51	19.8	18.7
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.9	9.7
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.8	13.5
132 BARRACKS FLAT DRIVE - F1	39	32	54	45	14.3	13.1
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.8	11.5
134 BARRACKS FLAT DRIVE - F1	39	32	53	45	14.0	12.6
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.9	10.6
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	11.2
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.6
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.0	8.8
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
146 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.0	7.8
2 DOEBERL PLACE - GF	37	30	48	40	11.4	10.2
6 DOEBERL PLACE (SOUTH) - GF	38	31	57	49	19.4	18.2
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	53	21.8	20.8
6 DOEBERL PLACE (NORTH) - GF	39	32	54	52	15.2	19.8
6 DOEBERL PLACE (NORTH) - F 1	40	33	60	53	20.2	20.4
6 DOEBERL PLACE - GF	36	29	49	41	13.1	11.9
6 DOEBERL PLACE - F 1	37	30	51	43	14.2	12.9
18 DOEBERL PLACE - GF	39	32	52	44	13.4	12.2
20 DOEBERL PLACE - GF	39	33	57	49	17.9	16.6
22 DOEBERL PLACE - GF	39	32	57	49	17.9	16.7
24 DOEBERL PLACE - GF	39	32	55	47	15.5	14.3
24 DOEBERL PLACE - F 1	40	33	59	50	18.6	17.4
26 DOEBERL PLACE - GF	38	31	56	48	17.7	16.5
28 DOEBERL PLACE - GF	38	31	53	45	15.2	13.9
28 DOEBERL PLACE - F 1	39	32	58	50	19.1	17.9
30 DOEBERL PLACE - GF	39	32	59	50	19.3	18.0
Unit 3 32 DOEBERL PLACE - GF	39	32	55	47	15.9	14.7
Unit 4 32 DOEBERL PLACE - GF	39	32	56	47	16.1	15.0
Unit 5 32 DOEBERL PLACE - GF	40	33	51	43	10.9	9.7
Unit 6 32 DOEBERL PLACE - GF	40	33	53	45	12.4	11.3
Unit 7 32 DOEBERL PLACE - GF	40	33	53	45	13.9	12.6
Unit 8 32 DOEBERL PLACE - GF	40	34	58	50	17.5	16.2
Unit 8 32 DOEBERL PLACE - F 1	42	35	60	52	17.9	16.7
Unit 9 32 DOEBERL PLACE - GF	40	34	58	50	17.9	16.6
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.5	17.4
Unit 10 32 DOEBERL PLACE - GF	41	34	58	49	17.0	15.9
Unit 10 32 DOEBERL PLACE - F 1	42	35	60	52	18.6	17.5
Unit 11 32 DOEBERL PLACE - GF	41	34	55	47	14.4	13.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	60	52	18.2	17.0
Unit 12 32 DOEBERL PLACE - GF	41	34	54	46	13.8	12.6
Unit 12 32 DOEBERL PLACE - F 1	42	35	61	53	18.6	17.6
Unit 13 32 DOEBERL PLACE - GF	41	34	56	48	14.7	13.5
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.7	17.7

NCA7 - Scenario 11	Road Surface:	SMA	Barrier Height, m:	3.0	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.6
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.5	11.2
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.2
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.2	10.8
130 BARRACKS FLAT DRIVE - GF	38	31	54	46	16.2	15.0
130 BARRACKS FLAT DRIVE - F 1	39	32	59	50	19.7	18.6
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.9	9.7
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.8	13.5
132 BARRACKS FLAT DRIVE - F1	39	32	54	45	14.3	13.1
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.8	11.5
134 BARRACKS FLAT DRIVE - F1	39	32	53	45	14.0	12.6
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.9	10.6
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	11.2
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.6
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.8
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
146 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.0	7.8
2 DOEBERL PLACE - GF	37	30	48	40	11.4	10.2
6 DOEBERL PLACE (SOUTH) - GF	38	31	55	47	17.2	15.9
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	53	21.6	20.6
6 DOEBERL PLACE (NORTH) - GF	39	32	53	52	13.4	19.5
6 DOEBERL PLACE (NORTH) - F 1	40	33	60	53	20.0	20.1
6 DOEBERL PLACE - GF	36	29	49	41	13.1	11.9
6 DOEBERL PLACE - F 1	37	30	51	43	14.2	12.9
18 DOEBERL PLACE - GF	39	32	51	43	12.1	10.9
20 DOEBERL PLACE - GF	39	33	56	47	16.2	14.9
22 DOEBERL PLACE - GF	39	32	56	48	16.7	15.5
24 DOEBERL PLACE - GF	39	32	54	45	14.3	13.1
24 DOEBERL PLACE - F 1	40	33	58	50	18.1	16.9
26 DOEBERL PLACE - GF	38	31	55	47	16.7	15.5
28 DOEBERL PLACE - GF	38	31	53	44	14.3	13.0
28 DOEBERL PLACE - F 1	39	32	57	49	17.9	16.7
30 DOEBERL PLACE - GF	39	32	57	49	17.7	16.4
Unit 3 32 DOEBERL PLACE - GF	39	32	54	46	14.2	13.1
Unit 4 32 DOEBERL PLACE - GF	39	32	53	45	13.8	12.7
Unit 5 32 DOEBERL PLACE - GF	40	33	51	43	10.3	9.1
Unit 6 32 DOEBERL PLACE - GF	40	33	52	44	11.4	10.3
Unit 7 32 DOEBERL PLACE - GF	40	33	52	44	12.6	11.4
Unit 8 32 DOEBERL PLACE - GF	40	34	57	48	16.2	14.9
Unit 8 32 DOEBERL PLACE - F 1	42	35	60	51	17.8	16.6
Unit 9 32 DOEBERL PLACE - GF	40	34	57	49	16.5	15.2
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.3	17.2
Unit 10 32 DOEBERL PLACE - GF	41	34	56	48	15.4	14.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	60	52	18.5	17.3
Unit 11 32 DOEBERL PLACE - GF	41	34	53	45	12.7	11.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	60	52	18.1	16.8
Unit 12 32 DOEBERL PLACE - GF	41	34	53	45	12.0	10.8
Unit 12 32 DOEBERL PLACE - F 1	42	35	60	52	18.5	17.3
Unit 13 32 DOEBERL PLACE - GF	41	34	54	45	12.4	11.3
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.6	17.5

NCA7 - Scenario 12	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.6
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.5	11.2
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.2
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.2	10.8
130 BARRACKS FLAT DRIVE - GF	38	31	53	44	14.8	13.6
130 BARRACKS FLAT DRIVE - F 1	39	32	58	50	19.6	18.4
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.9	9.7
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.8	13.5
132 BARRACKS FLAT DRIVE - F1	39	32	54	45	14.3	13.1
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.8	11.5
134 BARRACKS FLAT DRIVE - F1	39	32	53	45	14.0	12.6
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.9	10.6
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	11.2
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.6
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
146 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.0	7.8
2 DOEBERL PLACE - GF	37	30	48	40	11.4	10.2
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	45	14.6	13.4
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	53	21.4	20.3
6 DOEBERL PLACE (NORTH) - GF	39	32	51	51	11.4	19.1
6 DOEBERL PLACE (NORTH) - F 1	40	33	60	53	19.7	19.7
6 DOEBERL PLACE - GF	36	29	49	41	13.1	11.9
6 DOEBERL PLACE - F 1	37	30	51	43	14.2	12.9
18 DOEBERL PLACE - GF	39	32	50	42	10.8	9.5
20 DOEBERL PLACE - GF	39	33	54	46	14.3	13.0
22 DOEBERL PLACE - GF	39	32	54	46	14.7	13.6
24 DOEBERL PLACE - GF	39	32	52	44	12.8	11.6
24 DOEBERL PLACE - F 1	40	33	57	49	17.1	15.9
26 DOEBERL PLACE - GF	38	31	54	46	15.6	14.4
28 DOEBERL PLACE - GF	38	31	51	43	13.2	11.9
28 DOEBERL PLACE - F 1	39	32	56	48	16.5	15.3
30 DOEBERL PLACE - GF	39	32	55	47	15.5	14.3
Unit 3 32 DOEBERL PLACE - GF	39	32	52	44	12.5	11.4
Unit 4 32 DOEBERL PLACE - GF	39	32	51	43	11.7	10.6
Unit 5 32 DOEBERL PLACE - GF	40	33	50	42	9.8	8.6
Unit 6 32 DOEBERL PLACE - GF	40	33	51	43	10.6	9.4
Unit 7 32 DOEBERL PLACE - GF	40	33	51	43	11.5	10.3
Unit 8 32 DOEBERL PLACE - GF	40	34	55	47	14.5	13.3
Unit 8 32 DOEBERL PLACE - F 1	42	35	59	51	17.7	16.4
Unit 9 32 DOEBERL PLACE - GF	40	34	55	47	14.5	13.2
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.2	17.1
Unit 10 32 DOEBERL PLACE - GF	41	34	54	46	13.3	12.1
Unit 10 32 DOEBERL PLACE - F 1	42	35	60	52	18.4	17.1
Unit 11 32 DOEBERL PLACE - GF	41	34	52	43	11.0	9.8
Unit 11 32 DOEBERL PLACE - F 1	42	35	59	51	17.1	15.8
Unit 12 32 DOEBERL PLACE - GF	41	34	51	43	10.1	9.0
Unit 12 32 DOEBERL PLACE - F 1	42	35	60	51	17.6	16.5
Unit 13 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.2
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.4	17.2

NCA7 - Scenario 13	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Property boundary
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.6
125 BARRACKS FLAT DRIVE - GF	38	32	51	43	12.5	11.2
127 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.2
129 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.2	10.8
130 BARRACKS FLAT DRIVE - GF	38	31	51	43	13.7	12.5
130 BARRACKS FLAT DRIVE - F 1	39	32	58	50	19.2	18.0
131 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.9	9.7
132 BARRACKS FLAT DRIVE - GF	36	29	51	43	14.8	13.5
132 BARRACKS FLAT DRIVE - F1	39	32	54	45	14.3	13.1
134 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.8	11.5
134 BARRACKS FLAT DRIVE - F1	39	32	53	45	14.0	12.6
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.9	10.6
136 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	11.2
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.8	9.6
139 BARRACKS FLAT DRIVE - GF	35	28	46	37	11.0	9.7
140 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7
141 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.4	9.1
142 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.6	8.4
146 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.0	7.8
2 DOEBERL PLACE - GF	37	30	48	40	11.4	10.2
6 DOEBERL PLACE (SOUTH) - GF	38	31	50	42	12.4	11.1
6 DOEBERL PLACE (SOUTH) - F 1	39	32	60	52	21.0	19.8
6 DOEBERL PLACE (NORTH) - GF	39	32	49	50	9.5	18.1
6 DOEBERL PLACE (NORTH) - F 1	40	33	59	52	18.7	18.7
6 DOEBERL PLACE - GF	36	29	49	41	13.1	11.9
6 DOEBERL PLACE - F 1	37	30	51	43	14.2	12.9
18 DOEBERL PLACE - GF	39	32	49	41	9.6	8.4
20 DOEBERL PLACE - GF	39	33	52	44	12.5	11.3
22 DOEBERL PLACE - GF	39	32	53	44	13.2	12.0
24 DOEBERL PLACE - GF	39	32	51	43	11.5	10.4
24 DOEBERL PLACE - F 1	40	33	56	48	15.8	14.6
26 DOEBERL PLACE - GF	38	31	53	44	14.4	13.2
28 DOEBERL PLACE - GF	38	31	50	42	12.1	10.8
28 DOEBERL PLACE - F 1	39	32	54	46	15.2	14.0
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.4
Unit 3 32 DOEBERL PLACE - GF	39	32	51	42	11.1	9.9
Unit 4 32 DOEBERL PLACE - GF	39	32	49	41	10.0	8.9
Unit 5 32 DOEBERL PLACE - GF	40	33	50	41	9.2	8.0
Unit 6 32 DOEBERL PLACE - GF	40	33	50	42	9.8	8.7
Unit 7 32 DOEBERL PLACE - GF	40	33	50	42	10.6	9.4
Unit 8 32 DOEBERL PLACE - GF	40	34	53	45	12.9	11.6
Unit 8 32 DOEBERL PLACE - F 1	42	35	59	51	17.0	15.7
Unit 9 32 DOEBERL PLACE - GF	40	34	53	45	12.7	11.4
Unit 9 32 DOEBERL PLACE - F 1	42	35	59	51	17.7	16.5
Unit 10 32 DOEBERL PLACE - GF	41	34	52	44	11.5	10.4
Unit 10 32 DOEBERL PLACE - F 1	42	35	59	51	17.6	16.3
Unit 11 32 DOEBERL PLACE - GF	41	34	50	42	9.4	8.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	57	49	15.2	13.9
Unit 12 32 DOEBERL PLACE - GF	41	34	49	41	8.6	7.4
Unit 12 32 DOEBERL PLACE - F 1	42	35	57	49	15.5	14.3
Unit 13 32 DOEBERL PLACE - GF	41	34	50	42	8.5	7.5
Unit 13 32 DOEBERL PLACE - F 1	42	35	59	51	16.9	15.8

NCA7 - Scenario 14	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Property boundary
			Barrier Height, m:	2.4	Location:	Bridge (105m)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.4	11.1
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.8	9.5
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.4	9.9
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.9	9.5
130 BARRACKS FLAT DRIVE - GF	38	31	54	46	16.2	15.0
130 BARRACKS FLAT DRIVE - F 1	39	32	57	49	18.2	17.2
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.5	11.3
132 BARRACKS FLAT DRIVE - F 1	39	32	52	44	12.7	11.4
134 BARRACKS FLAT DRIVE - GF	38	31	49	40	11.1	9.8
134 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.5	11.2
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.5	9.3
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.4	9.6
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	10.0	8.7
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.1	8.8
140 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.8	7.6
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.4
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.6	7.4
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.0	6.8
2 DOEBERL PLACE - GF	37	30	47	39	9.9	8.7
6 DOEBERL PLACE (SOUTH) - GF	38	31	57	49	19.0	17.8
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	53	21.5	20.6
6 DOEBERL PLACE (NORTH) - GF	39	32	54	51	14.5	19.0
6 DOEBERL PLACE (NORTH) - F 1	40	33	59	53	19.4	19.6
6 DOEBERL PLACE - GF	36	29	48	40	12.2	11.1
6 DOEBERL PLACE - F 1	37	30	50	42	12.9	11.6
18 DOEBERL PLACE - GF	39	32	52	44	13.4	12.2
20 DOEBERL PLACE - GF	39	33	57	49	17.7	16.4
22 DOEBERL PLACE - GF	39	32	57	49	17.7	16.5
24 DOEBERL PLACE - GF	39	32	55	46	15.3	14.1
24 DOEBERL PLACE - F 1	40	33	59	50	18.5	17.3
26 DOEBERL PLACE - GF	38	31	56	48	17.5	16.3
28 DOEBERL PLACE - GF	38	31	53	45	15.0	13.7
28 DOEBERL PLACE - F 1	39	32	58	50	19.0	17.8
30 DOEBERL PLACE - GF	39	32	59	50	19.3	18.0
Unit 3 32 DOEBERL PLACE - GF	39	32	55	47	15.9	14.7
Unit 4 32 DOEBERL PLACE - GF	39	32	56	47	16.1	15.0
Unit 5 32 DOEBERL PLACE - GF	40	33	51	43	10.9	9.7
Unit 6 32 DOEBERL PLACE - GF	40	33	53	45	12.4	11.3
Unit 7 32 DOEBERL PLACE - GF	40	33	53	45	13.9	12.6
Unit 8 32 DOEBERL PLACE - GF	40	34	58	50	17.5	16.2
Unit 8 32 DOEBERL PLACE - F 1	42	35	60	52	17.9	16.7
Unit 9 32 DOEBERL PLACE - GF	40	34	58	50	17.9	16.6
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.5	17.4
Unit 10 32 DOEBERL PLACE - GF	41	34	58	49	17.0	15.9
Unit 10 32 DOEBERL PLACE - F 1	42	35	60	52	18.6	17.5
Unit 11 32 DOEBERL PLACE - GF	41	34	55	47	14.4	13.2
Unit 11 32 DOEBERL PLACE - F 1	42	35	60	52	18.2	17.0
Unit 12 32 DOEBERL PLACE - GF	41	34	54	46	13.8	12.6
Unit 12 32 DOEBERL PLACE - F 1	42	35	61	53	18.6	17.6
Unit 13 32 DOEBERL PLACE - GF	41	34	56	48	14.7	13.5
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.7	17.7

CA7 - Scenario 15	Road Surface: SMA		Barrier Height, m: 3.0		Location: Property boundary	
			Barrier Height, m: 2.4		Location: Bridge (105m)	
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA			
	Relative Increase in Noise Level due to EDE, dBA					
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.4	11.1
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.8	9.5
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.4	9.9
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.9	9.5
130 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.7	13.5
130 BARRACKS FLAT DRIVE - F 1	39	32	57	49	18.1	17.0
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.5	11.3
132 BARRACKS FLAT DRIVE - F1	39	32	52	44	12.7	11.4
134 BARRACKS FLAT DRIVE - GF	38	31	49	40	11.1	9.8
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.5	11.2
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.5	9.3
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.4	9.6
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	10.0	8.7
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.1	8.8
140 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.8	7.6
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.4
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.6	7.4
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.0	6.8
2 DOEBERL PLACE - GF	37	30	47	39	9.9	8.7
6 DOEBERL PLACE (SOUTH) - GF	38	31	55	47	16.7	15.4
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	53	21.4	20.4
6 DOEBERL PLACE (NORTH) - GF	39	32	52	51	12.7	18.6
6 DOEBERL PLACE (NORTH) - F 1	40	33	59	52	19.1	19.2
6 DOEBERL PLACE - GF	36	29	48	40	12.2	11.1
6 DOEBERL PLACE - F 1	37	30	50	42	12.8	11.6
18 DOEBERL PLACE - GF	39	32	51	43	12.2	10.9
20 DOEBERL PLACE - GF	39	33	55	47	16.0	14.7
22 DOEBERL PLACE - GF	39	32	56	48	16.5	15.3
24 DOEBERL PLACE - GF	39	32	53	45	14.1	12.9
24 DOEBERL PLACE - F 1	40	33	58	50	18.0	16.8
26 DOEBERL PLACE - GF	38	31	55	47	16.6	15.4
28 DOEBERL PLACE - GF	38	31	52	44	14.1	12.8
28 DOEBERL PLACE - F 1	39	32	57	49	17.8	16.6
30 DOEBERL PLACE - GF	39	32	57	49	17.7	16.4
Unit 3 32 DOEBERL PLACE - GF	39	32	54	46	14.2	13.1
Unit 4 32 DOEBERL PLACE - GF	39	32	53	45	13.8	12.7
Unit 5 32 DOEBERL PLACE - GF	40	33	51	43	10.3	9.1
Unit 6 32 DOEBERL PLACE - GF	40	33	52	44	11.4	10.3
Unit 7 32 DOEBERL PLACE - GF	40	33	52	44	12.6	11.4
Unit 8 32 DOEBERL PLACE - GF	40	34	57	48	16.2	14.9
Unit 8 32 DOEBERL PLACE - F 1	42	35	60	51	17.8	16.6
Unit 9 32 DOEBERL PLACE - GF	40	34	57	49	16.5	15.2
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.3	17.2
Unit 10 32 DOEBERL PLACE - GF	41	34	56	48	15.4	14.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	60	52	18.5	17.3
Unit 11 32 DOEBERL PLACE - GF	41	34	53	45	12.7	11.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	60	52	18.1	16.8
Unit 12 32 DOEBERL PLACE - GF	41	34	53	45	12.0	10.8
Unit 12 32 DOEBERL PLACE - F 1	42	35	60	52	18.5	17.3
Unit 13 32 DOEBERL PLACE - GF	41	34	54	45	12.4	11.3
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.6	17.5

NCA7 - Scenario 16		Road Surface: SMA		Barrier Height, m: 3.6		Location: Property boundary	
				Barrier Height, m: 2.4		Location: Bridge (105m)	
Receiver Address	Predicted Noise Levels, dBA						
	Design Year (2027) "No Build"			Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA				
	Relative Increase in Noise Level due to EDE, dBA						
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	
Road Noise Policy Guideline Criteria				55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.4	11.1	
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.8	9.5	
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.4	9.9	
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.9	9.5	
130 BARRACKS FLAT DRIVE - GF	38	31	51	43	13.1	11.9	
130 BARRACKS FLAT DRIVE - F 1	39	32	57	49	17.9	16.8	
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7	
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.5	11.3	
132 BARRACKS FLAT DRIVE - F1	39	32	52	44	12.7	11.4	
134 BARRACKS FLAT DRIVE - GF	38	31	49	40	11.1	9.8	
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.5	11.2	
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.5	9.3	
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.4	9.6	
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	10.0	8.7	
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.1	8.8	
140 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.8	7.6	
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.4	
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.6	7.4	
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.0	6.8	
2 DOEBERL PLACE - GF	37	30	47	39	9.9	8.7	
6 DOEBERL PLACE (SOUTH) - GF	38	31	52	44	14.2	12.9	
6 DOEBERL PLACE (SOUTH) - F 1	39	32	61	52	21.2	20.1	
6 DOEBERL PLACE (NORTH) - GF	39	32	50	51	10.9	18.3	
6 DOEBERL PLACE (NORTH) - F 1	40	33	59	52	18.9	18.9	
6 DOEBERL PLACE - GF	36	29	48	40	12.2	11.0	
6 DOEBERL PLACE - F 1	37	30	50	42	12.8	11.6	
18 DOEBERL PLACE - GF	39	32	50	42	10.8	9.5	
20 DOEBERL PLACE - GF	39	33	54	45	14.1	12.8	
22 DOEBERL PLACE - GF	39	32	54	46	14.5	13.3	
24 DOEBERL PLACE - GF	39	32	52	44	12.6	11.4	
24 DOEBERL PLACE - F 1	40	33	57	49	17.0	15.7	
26 DOEBERL PLACE - GF	38	31	54	45	15.4	14.2	
28 DOEBERL PLACE - GF	38	31	51	43	13.0	11.7	
28 DOEBERL PLACE - F 1	39	32	56	47	16.4	15.2	
30 DOEBERL PLACE - GF	39	32	55	47	15.5	14.3	
Unit 3 32 DOEBERL PLACE - GF	39	32	52	44	12.5	11.4	
Unit 4 32 DOEBERL PLACE - GF	39	32	51	43	11.7	10.6	
Unit 5 32 DOEBERL PLACE - GF	40	33	50	42	9.8	8.6	
Unit 6 32 DOEBERL PLACE - GF	40	33	51	43	10.6	9.4	
Unit 7 32 DOEBERL PLACE - GF	40	33	51	43	11.5	10.3	
Unit 8 32 DOEBERL PLACE - GF	40	34	55	47	14.5	13.3	
Unit 8 32 DOEBERL PLACE - F 1	42	35	59	51	17.7	16.4	
Unit 9 32 DOEBERL PLACE - GF	40	34	55	47	14.5	13.2	
Unit 9 32 DOEBERL PLACE - F 1	42	35	60	52	18.2	17.1	
Unit 10 32 DOEBERL PLACE - GF	41	34	54	46	13.3	12.1	
Unit 10 32 DOEBERL PLACE - F 1	42	35	60	52	18.4	17.1	
Unit 11 32 DOEBERL PLACE - GF	41	34	52	43	11.0	9.8	
Unit 11 32 DOEBERL PLACE - F 1	42	35	59	51	17.1	15.8	
Unit 12 32 DOEBERL PLACE - GF	41	34	51	43	10.1	9.0	
Unit 12 32 DOEBERL PLACE - F 1	42	35	60	51	17.6	16.5	
Unit 13 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.2	
Unit 13 32 DOEBERL PLACE - F 1	42	35	61	53	18.4	17.2	

NCA7 - Scenario 17		Road Surface: SMA		Barrier Height, m: 4.2		Location:		Property boundary	
				Barrier Height, m: 2.4		Location:		Bridge (105m)	
Receiver Address	Predicted Noise Levels, dBA								
	Design Year (2027) "No Build"				Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA						
	Relative Increase in Noise Level due to EDE, dBA								
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)			
Road Noise Policy Guideline Criteria				55	50	12	12		
123 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.4	11.1			
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.8	9.5			
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.4	9.9			
129 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.9	9.5			
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.2	11.0			
130 BARRACKS FLAT DRIVE - F 1	39	32	56	48	17.6	16.5			
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7			
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.5	11.3			
132 BARRACKS FLAT DRIVE - F1	39	32	52	44	12.6	11.4			
134 BARRACKS FLAT DRIVE - GF	38	31	49	40	11.1	9.8			
134 BARRACKS FLAT DRIVE - F1	39	32	51	43	12.5	11.2			
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.5	9.3			
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.4	9.6			
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	10.0	8.7			
139 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.1	8.8			
140 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.8	7.6			
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.6	8.4			
142 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.6	7.4			
146 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.9	6.8			
2 DOEBERL PLACE - GF	37	30	47	39	9.9	8.7			
6 DOEBERL PLACE (SOUTH) - GF	38	31	50	42	12.1	10.9			
6 DOEBERL PLACE (SOUTH) - F 1	39	32	60	52	20.8	19.6			
6 DOEBERL PLACE (NORTH) - GF	39	32	48	50	9.1	17.3			
6 DOEBERL PLACE (NORTH) - F 1	40	33	58	51	17.9	17.9			
6 DOEBERL PLACE - GF	36	29	48	40	12.2	11.0			
6 DOEBERL PLACE - F 1	37	30	50	42	12.8	11.5			
18 DOEBERL PLACE - GF	39	32	49	41	9.6	8.4			
20 DOEBERL PLACE - GF	39	33	52	44	12.3	11.1			
22 DOEBERL PLACE - GF	39	32	52	44	12.9	11.8			
24 DOEBERL PLACE - GF	39	32	51	43	11.3	10.2			
24 DOEBERL PLACE - F 1	40	33	56	47	15.6	14.4			
26 DOEBERL PLACE - GF	38	31	52	44	14.1	13.0			
28 DOEBERL PLACE - GF	38	31	50	42	11.8	10.6			
28 DOEBERL PLACE - F 1	39	32	54	46	15.0	13.9			
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.4			
Unit 3 32 DOEBERL PLACE - GF	39	32	50	42	11.0	9.9			
Unit 4 32 DOEBERL PLACE - GF	39	32	49	41	10.0	8.9			
Unit 5 32 DOEBERL PLACE - GF	40	33	50	41	9.2	8.0			
Unit 6 32 DOEBERL PLACE - GF	40	33	50	42	9.8	8.7			
Unit 7 32 DOEBERL PLACE - GF	40	33	50	42	10.6	9.4			
Unit 8 32 DOEBERL PLACE - GF	40	34	53	45	12.9	11.6			
Unit 8 32 DOEBERL PLACE - F 1	42	35	59	51	17.0	15.7			
Unit 9 32 DOEBERL PLACE - GF	40	34	53	45	12.7	11.4			
Unit 9 32 DOEBERL PLACE - F 1	42	35	59	51	17.7	16.5			
Unit 10 32 DOEBERL PLACE - GF	41	34	52	44	11.5	10.4			
Unit 10 32 DOEBERL PLACE - F 1	42	35	59	51	17.6	16.3			
Unit 11 32 DOEBERL PLACE - GF	41	34	50	42	9.4	8.2			
Unit 11 32 DOEBERL PLACE - F 1	42	35	57	49	15.2	13.9			
Unit 12 32 DOEBERL PLACE - GF	41	34	49	41	8.6	7.4			
Unit 12 32 DOEBERL PLACE - F 1	42	35	57	49	15.5	14.3			
Unit 13 32 DOEBERL PLACE - GF	41	34	50	42	8.5	7.5			
Unit 13 32 DOEBERL PLACE - F 1	42	35	59	51	16.9	15.8			

NCA7 - Scenario 18	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (55m)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase with Noise Mitigation, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	49	40	11.8	10.5
125 BARRACKS FLAT DRIVE - GF	38	32	50	42	11.7	10.4
127 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.1	10.6
129 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6	10.2
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.4	11.6
130 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.8	13.4
131 BARRACKS FLAT DRIVE - GF	37	30	48	39	10.4	9.2
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	13.2	12.0
132 BARRACKS FLAT DRIVE - F1	39	32	51	42	11.3	10.1
134 BARRACKS FLAT DRIVE - GF	38	31	49	41	11.3	9.9
134 BARRACKS FLAT DRIVE - F1	39	32	50	42	10.8	9.5
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.4	10.1
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.7	9.9
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.5	9.2
139 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.7	9.4
140 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.6	7.4
141 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.0	8.7
142 BARRACKS FLAT DRIVE - GF	37	30	46	37	8.1	7.0
146 BARRACKS FLAT DRIVE - GF	37	30	45	36	7.5	6.3
2 DOEBERL PLACE - GF	37	30	47	39	10.2	9.0
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	46	14.7	14.4
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.5	15.6
6 DOEBERL PLACE (NORTH) - GF	39	32	50	47	11.2	15.1
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	49	14.4	15.7
6 DOEBERL PLACE - GF	36	29	49	41	13.5	12.4
6 DOEBERL PLACE - F 1	37	30	52	44	14.6	13.4
18 DOEBERL PLACE - GF	39	32	47	39	7.7	6.8
20 DOEBERL PLACE - GF	39	33	51	43	11.5	10.7
22 DOEBERL PLACE - GF	39	32	51	43	11.3	10.5
24 DOEBERL PLACE - GF	39	32	50	42	10.6	9.6
24 DOEBERL PLACE - F 1	40	33	52	44	11.6	11.0
26 DOEBERL PLACE - GF	38	31	51	43	12.3	11.4
28 DOEBERL PLACE - GF	38	31	50	42	12.0	10.9
28 DOEBERL PLACE - F 1	39	32	52	44	12.9	12.2
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.9
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9	11.0
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7	12.2
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8	6.7
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2	7.3
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3	8.4
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4	10.6
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2	11.8
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9	11.3
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.4
Unit 10 32 DOEBERL PLACE - GF	41	34	52	45	11.8	11.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.3
Unit 11 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	46	11.8	11.4
Unit 12 32 DOEBERL PLACE - GF	41	34	52	44	10.9	10.2
Unit 12 32 DOEBERL PLACE - F 1	42	35	54	47	12.4	12.2
Unit 13 32 DOEBERL PLACE - GF	41	34	54	47	13.2	12.6
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	13.6	13.2

NCA7 - Scenario 19	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Bridge (70m)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.5	10.3
125 BARRACKS FLAT DRIVE - GF	38	32	50	42	11.4	10.0
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.9	10.4
129 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.3	9.9
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.2	11.4
130 BARRACKS FLAT DRIVE - F 1	39	32	52	45	13.6	13.2
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.2	9.0
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.9	11.6
132 BARRACKS FLAT DRIVE - F1	39	32	50	42	10.9	9.7
134 BARRACKS FLAT DRIVE - GF	38	31	49	40	11.0	9.7
134 BARRACKS FLAT DRIVE - F1	39	32	49	41	10.5	9.2
135 BARRACKS FLAT DRIVE - GF	36	29	47	38	11.0	9.7
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.4	9.6
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.4	9.2
139 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.5	9.2
140 BARRACKS FLAT DRIVE - GF	37	30	46	37	8.4	7.2
141 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.1	8.8
142 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.0	6.8
146 BARRACKS FLAT DRIVE - GF	37	30	45	36	7.4	6.2
2 DOEBERL PLACE - GF	37	30	47	39	9.9	8.7
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	46	14.6	14.4
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.4	15.5
6 DOEBERL PLACE (NORTH) - GF	39	32	50	47	11.0	15.0
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	49	14.3	15.6
6 DOEBERL PLACE - GF	36	29	48	40	12.4	11.3
6 DOEBERL PLACE - F 1	37	30	50	42	13.2	12.0
18 DOEBERL PLACE - GF	39	32	47	39	7.7	6.8
20 DOEBERL PLACE - GF	39	33	51	43	11.4	10.6
22 DOEBERL PLACE - GF	39	32	51	43	11.2	10.5
24 DOEBERL PLACE - GF	39	32	50	42	10.6	9.6
24 DOEBERL PLACE - F 1	40	33	52	44	11.6	11.0
26 DOEBERL PLACE - GF	38	31	50	43	12.2	11.3
28 DOEBERL PLACE - GF	38	31	50	42	11.9	10.8
28 DOEBERL PLACE - F 1	39	32	52	44	12.9	12.2
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.9
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9	11.0
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7	12.2
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8	6.7
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2	7.3
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3	8.4
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4	10.6
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2	11.8
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9	11.3
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.4
Unit 10 32 DOEBERL PLACE - GF	41	34	52	45	11.8	11.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.3
Unit 11 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	46	11.8	11.4
Unit 12 32 DOEBERL PLACE - GF	41	34	52	44	10.9	10.2
Unit 12 32 DOEBERL PLACE - F 1	42	35	54	47	12.4	12.2
Unit 13 32 DOEBERL PLACE - GF	41	34	54	47	13.2	12.6
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	13.6	13.2

NCA7 - Scenario 20		Road Surface: SMA		Barrier Height, m: 4.2		Location:		Road side	
				Barrier Height, m: 2.4		Location:		Bridge (90m)	
Receiver Address	Predicted Noise Levels, dBA								
	Design Year (2027) "No Build"				Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA				
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)			
Road Noise Policy Guideline Criteria				55	50	12	12		
123 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.2	9.9			
125 BARRACKS FLAT DRIVE - GF	38	32	49	41	10.9	9.6			
127 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.5	9.9			
129 BARRACKS FLAT DRIVE - GF	38	31	49	40	10.1	9.6			
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.9	11.2			
130 BARRACKS FLAT DRIVE - F 1	39	32	52	45	13.3	13.0			
131 BARRACKS FLAT DRIVE - GF	37	30	47	39	9.9	8.7			
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.5	11.3			
132 BARRACKS FLAT DRIVE - F1	39	32	50	42	10.5	9.3			
134 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.6	9.3			
134 BARRACKS FLAT DRIVE - F1	39	32	49	41	10.1	8.8			
135 BARRACKS FLAT DRIVE - GF	36	29	46	38	10.8	9.5			
136 BARRACKS FLAT DRIVE - GF	37	30	48	39	10.1	9.3			
137 BARRACKS FLAT DRIVE - GF	35	29	46	37	10.2	8.9			
139 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.3	9.0			
140 BARRACKS FLAT DRIVE - GF	37	30	45	37	8.1	7.0			
141 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.9	8.6			
142 BARRACKS FLAT DRIVE - GF	37	30	45	37	7.6	6.5			
146 BARRACKS FLAT DRIVE - GF	37	30	44	36	7.1	6.0			
2 DOEBERL PLACE - GF	37	30	47	38	9.6	8.4			
6 DOEBERL PLACE (SOUTH) - GF	38	31	52	45	14.4	14.3			
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.4	15.5			
6 DOEBERL PLACE (NORTH) - GF	39	32	50	47	10.8	14.9			
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	48	14.2	15.5			
6 DOEBERL PLACE - GF	36	29	48	40	12.3	11.1			
6 DOEBERL PLACE - F 1	37	30	50	42	12.9	11.7			
18 DOEBERL PLACE - GF	39	32	47	39	7.7	6.8			
20 DOEBERL PLACE - GF	39	33	51	43	11.4	10.6			
22 DOEBERL PLACE - GF	39	32	51	43	11.1	10.4			
24 DOEBERL PLACE - GF	39	32	50	42	10.4	9.5			
24 DOEBERL PLACE - F 1	40	33	52	44	11.5	10.9			
26 DOEBERL PLACE - GF	38	31	50	42	12.1	11.2			
28 DOEBERL PLACE - GF	38	31	50	42	11.9	10.8			
28 DOEBERL PLACE - F 1	39	32	52	44	12.9	12.2			
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.9			
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9	11.0			
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7	12.2			
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8	6.7			
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2	7.3			
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3	8.4			
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4	10.6			
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2	11.8			
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9	11.3			
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.4			
Unit 10 32 DOEBERL PLACE - GF	41	34	52	45	11.8	11.3			
Unit 10 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.3			
Unit 11 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.5			
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	46	11.8	11.4			
Unit 12 32 DOEBERL PLACE - GF	41	34	52	44	10.9	10.2			
Unit 12 32 DOEBERL PLACE - F 1	42	35	54	47	12.4	12.2			
Unit 13 32 DOEBERL PLACE - GF	41	34	54	47	13.2	12.6			
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	13.6	13.2			

NCA7 - Scenario 21	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (full length)
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
123 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.4	9.1
125 BARRACKS FLAT DRIVE - GF	38	32	48	40	9.7	8.4
127 BARRACKS FLAT DRIVE - GF	38	31	48	40	9.3	8.8
129 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.0	8.6
130 BARRACKS FLAT DRIVE - GF	38	31	49	41	11.3	10.6
130 BARRACKS FLAT DRIVE - F 1	39	32	52	44	12.8	12.6
131 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.9	7.7
132 BARRACKS FLAT DRIVE - GF	36	29	48	40	11.5	10.3
132 BARRACKS FLAT DRIVE - F1	39	32	49	41	9.5	8.3
134 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.5	8.2
134 BARRACKS FLAT DRIVE - F1	39	32	48	40	9.0	7.7
135 BARRACKS FLAT DRIVE - GF	36	29	45	37	9.8	8.6
136 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.9	8.2
137 BARRACKS FLAT DRIVE - GF	35	29	45	37	9.2	8.0
139 BARRACKS FLAT DRIVE - GF	35	28	44	36	9.3	8.1
140 BARRACKS FLAT DRIVE - GF	37	30	44	36	7.1	6.0
141 BARRACKS FLAT DRIVE - GF	35	28	43	35	8.9	7.7
142 BARRACKS FLAT DRIVE - GF	37	30	44	36	6.6	5.5
146 BARRACKS FLAT DRIVE - GF	37	30	43	35	6.1	5.0
2 DOEBERL PLACE - GF	37	30	46	37	8.5	7.4
6 DOEBERL PLACE (SOUTH) - GF	38	31	52	45	14.2	14.1
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.2	15.3
6 DOEBERL PLACE (NORTH) - GF	39	32	49	47	10.2	14.7
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	48	13.9	15.3
6 DOEBERL PLACE - GF	36	29	48	40	12.1	10.9
6 DOEBERL PLACE - F 1	37	30	50	42	12.4	11.2
18 DOEBERL PLACE - GF	39	32	47	39	7.7	6.8
20 DOEBERL PLACE - GF	39	33	51	43	11.1	10.4
22 DOEBERL PLACE - GF	39	32	50	43	10.9	10.2
24 DOEBERL PLACE - GF	39	32	50	42	10.3	9.4
24 DOEBERL PLACE - F 1	40	33	51	44	11.3	10.8
26 DOEBERL PLACE - GF	38	31	50	42	12.0	11.1
28 DOEBERL PLACE - GF	38	31	50	42	11.8	10.7
28 DOEBERL PLACE - F 1	39	32	52	44	12.8	12.1
30 DOEBERL PLACE - GF	39	32	53	45	13.6	12.9
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9	11.0
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7	12.2
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8	6.7
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2	7.3
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3	8.4
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4	10.6
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2	11.8
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9	11.3
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.4
Unit 10 32 DOEBERL PLACE - GF	41	34	52	45	11.8	11.3
Unit 10 32 DOEBERL PLACE - F 1	42	35	54	47	12.7	12.3
Unit 11 32 DOEBERL PLACE - GF	41	34	51	43	10.2	9.5
Unit 11 32 DOEBERL PLACE - F 1	42	35	54	46	11.8	11.4
Unit 12 32 DOEBERL PLACE - GF	41	34	52	44	10.9	10.2
Unit 12 32 DOEBERL PLACE - F 1	42	35	54	47	12.4	12.2
Unit 13 32 DOEBERL PLACE - GF	41	34	54	47	13.2	12.6
Unit 13 32 DOEBERL PLACE - F 1	42	35	56	49	13.6	13.2

Receiver Address	Road Surface:		SMA	Barrier Height, m:		4.2	Location:		Road side (safety design)			
				Barrier Height, m:		2.4	Location:		Bridge (55m)			
	Predicted Noise Levels, dBA						Relative Increase with Noise Mitigation, dBA					
Design Year (2027) "No Build"			Design Year (2027) "Build"									
Road Traffic Noise Level without EDE, dBA			Road Traffic Noise Level with EDE, dBA			Relative Increase in Noise Level due to EDE, dBA						
Daytime LAeq(15hour)			Night-time LAeq(9hour)		Daytime LAeq(15hour)		Night-time LAeq(9hour)		Daytime LAeq(15hour)		Night-time LAeq(9hour)	
Road Noise Policy Guideline Criteria					55	50	12		12			
123 BARRACKS FLAT DRIVE - GF	37	30	49	40	11.8		10.5					
125 BARRACKS FLAT DRIVE - GF	38	32	50	42	11.7		10.4					
127 BARRACKS FLAT DRIVE - GF	38	31	50	41	11.1		10.6					
129 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6		10.2					
130 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.4		11.6					
130 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.8		13.4					
131 BARRACKS FLAT DRIVE - GF	37	30	48	39	10.4		9.2					
132 BARRACKS FLAT DRIVE - GF	36	29	49	41	13.2		12.0					
132 BARRACKS FLAT DRIVE - F1	39	32	51	42	11.3		10.1					
134 BARRACKS FLAT DRIVE - GF	38	31	49	41	11.3		9.9					
134 BARRACKS FLAT DRIVE - F1	39	32	50	42	10.8		9.5					
135 BARRACKS FLAT DRIVE - GF	36	29	47	39	11.4		10.1					
136 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.7		9.9					
137 BARRACKS FLAT DRIVE - GF	35	29	46	38	10.5		9.2					
139 BARRACKS FLAT DRIVE - GF	35	28	45	37	10.7		9.4					
140 BARRACKS FLAT DRIVE - GF	37	30	46	38	8.6		7.4					
141 BARRACKS FLAT DRIVE - GF	35	28	45	36	10.0		8.7					
142 BARRACKS FLAT DRIVE - GF	37	30	46	37	8.1		7.0					
146 BARRACKS FLAT DRIVE - GF	37	30	45	36	7.5		6.3					
2 DOEBERL PLACE - GF	37	30	47	39	10.2		9.0					
6 DOEBERL PLACE (SOUTH) - GF	38	31	53	46	14.7		14.4					
6 DOEBERL PLACE (SOUTH) - F 1	39	32	55	48	15.5		15.6					
6 DOEBERL PLACE (NORTH) - GF	39	32	50	47	11.2		15.1					
6 DOEBERL PLACE (NORTH) - F 1	40	33	54	49	14.4		15.7					
6 DOEBERL PLACE - GF	36	29	49	41	13.5		12.4					
6 DOEBERL PLACE - F 1	37	30	52	44	14.6		13.4					
18 DOEBERL PLACE - GF	39	32	47	39	7.7		6.8					
20 DOEBERL PLACE - GF	39	33	51	43	11.5		10.7					
22 DOEBERL PLACE - GF	39	32	51	43	11.3		10.5					
24 DOEBERL PLACE - GF	39	32	50	42	10.6		9.6					
24 DOEBERL PLACE - F 1	40	33	52	44	11.6		11.0					
26 DOEBERL PLACE - GF	38	31	51	43	12.3		11.4					
28 DOEBERL PLACE - GF	38	31	50	42	12.0		10.9					
28 DOEBERL PLACE - F 1	39	32	52	44	12.9		12.2					
30 DOEBERL PLACE - GF	39	32	53	45	13.6		12.9					
Unit 3 32 DOEBERL PLACE - GF	39	32	51	43	11.9		11.0					
Unit 4 32 DOEBERL PLACE - GF	39	32	52	45	12.7		12.2					
Unit 5 32 DOEBERL PLACE - GF	40	33	48	40	7.8		6.7					
Unit 6 32 DOEBERL PLACE - GF	40	33	49	41	8.2		7.3					
Unit 7 32 DOEBERL PLACE - GF	40	33	49	41	9.3		8.4					
Unit 8 32 DOEBERL PLACE - GF	40	34	52	44	11.4		10.6					
Unit 8 32 DOEBERL PLACE - F 1	42	35	54	47	12.2		11.8					
Unit 9 32 DOEBERL PLACE - GF	40	34	52	45	11.9		11.3					
Unit 9 32 DOEBERL PLACE - F 1	42	35	54	47	12.7		12.4					
Unit 10 32 DOEBERL PLACE - GF	41	34	53	45	12.0		11.4					
Unit 10 32 DOEBERL PLACE - F 1	42	35	55	48	13.4		12.9					
Unit 11 32 DOEBERL PLACE - GF	41	34	53	45	12.3		11.4					
Unit 11 32 DOEBERL PLACE - F 1	42	35	55	48	13.6		12.9					
Unit 12 32 DOEBERL PLACE - GF	41	34	53	46	12.7		11.8					
Unit 12 32 DOEBERL PLACE - F 1	42	35	56	49	14.2		13.7					
Unit 13 32 DOEBERL PLACE - GF	41	34	56	49	15.3		14.4					
Unit 13 32 DOEBERL PLACE - F 1	42	35	58	50	15.7		15.0					

NCA8(A) - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
69 RIVER DRIVE - F 1	42	35	49	41	7.8	6.6
73 RIVER DRIVE - GF	40	33	48	40	8.2	6.9
73 RIVER DRIVE - F 1	41	34	50	42	8.5	7.3
75 RIVER DRIVE - GF	40	33	49	41	9.1	7.9
78 BARRACKS FLAT DRIVE - GF	38	30	50	41	11.5	11.4
78 BARRACKS FLAT DRIVE - F 1	39	32	56	48	16.9	15.8
79 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.0	7.4
80 BARRACKS FLAT DRIVE - GF	39	32	53	44	13.6	12.4
80 BARRACKS FLAT DRIVE - F 1	41	33	59	51	18.4	18.2
82 BARRACKS FLAT DRIVE - GF	39	32	55	47	16.1	15.1
82 BARRACKS FLAT DRIVE - F 1	43	36	59	51	16.0	14.9
84 BARRACKS FLAT DRIVE - GF	37	30	52	44	15.1	14.0
86 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.6	10.5
88 BARRACKS FLAT DRIVE - GF	41	34	50	42	9.4	8.4
90 BARRACKS FLAT DRIVE - GF	41	34	58	49	16.9	15.8
92 BARRACKS FLAT DRIVE - F 1	42	35	54	46	12.5	11.4
94 BARRACKS FLAT DRIVE - GF	42	35	49	41	6.8	5.7
96 BARRACKS FLAT DRIVE - GF	39	32	54	45	14.7	13.7
96 BARRACKS FLAT DRIVE - F 1	42	35	56	47	13.7	12.6
98 BARRACKS FLAT DRIVE - GF	38	31	56	48	18.4	17.4
98 BARRACKS FLAT DRIVE - F 1	41	34	58	50	16.5	15.3
100 BARRACKS FLAT DRIVE - GF	37	30	55	47	18.4	17.3
100 BARRACKS FLAT DRIVE - F 1	41	34	57	49	16.7	15.5
104 BARRACKS FLAT DRIVE - GF	38	31	58	50	19.9	19.2
105 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.8	9.5
105 BARRACKS FLAT DRIVE - F 1	42	34	53	45	10.7	10.5
106 BARRACKS FLAT DRIVE - GF	37	30	57	49	19.9	18.7
107 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.9	9.6
108 BARRACKS FLAT DRIVE - GF	37	29	56	48	19.6	18.4
108 BARRACKS FLAT DRIVE - F 1	40	33	59	51	19.5	18.3
110 BARRACKS FLAT DRIVE - GF	35	28	57	48	21.2	20.0
110 BARRACKS FLAT DRIVE - F 1	38	31	59	51	20.4	19.2
112 BARRACKS FLAT DRIVE - GF	39	31	57	49	18.4	17.7
114 BARRACKS FLAT DRIVE - GF	37	30	56	48	19.1	17.8
116 BARRACKS FLAT DRIVE - GF	35	28	55	47	19.5	18.4
116 BARRACKS FLAT DRIVE - F 1	39	32	57	48	17.9	16.7
118 BARRACKS FLAT DRIVE - GF	36	29	54	46	17.4	16.2
120 BARRACKS FLAT DRIVE - GF	37	30	53	45	15.9	14.7
122 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.5	13.2
126A BARRACKS FLAT DRIVE - GF	35	28	51	43	15.7	14.5
126A BARRACKS FLAT DRIVE - F 1	38	31	53	45	15.2	14.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	43	13.1	11.9

NCA8(A) - Scenario 2

Road Surface: SMA

Barrier Height, m: 2.4

Location: Road side

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.1	6.0
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.7	6.5
75 RIVER DRIVE - GF	40	33	49	40	8.3	7.1
78 BARRACKS FLAT DRIVE - GF	38	30	49	41	10.8	10.7
78 BARRACKS FLAT DRIVE - F 1	39	32	54	46	15.3	14.3
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.2	6.7
80 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.0	10.9
80 BARRACKS FLAT DRIVE - F 1	41	33	57	49	16.0	15.8
82 BARRACKS FLAT DRIVE - GF	39	32	52	43	12.3	11.3
82 BARRACKS FLAT DRIVE - F 1	43	36	55	47	12.4	11.3
84 BARRACKS FLAT DRIVE - GF	37	30	49	40	12.0	10.9
86 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.2
88 BARRACKS FLAT DRIVE - GF	41	34	48	40	7.5	6.5
90 BARRACKS FLAT DRIVE - GF	41	34	56	48	15.1	14.1
92 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.4	9.4
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.4	5.3
96 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.4	11.4
96 BARRACKS FLAT DRIVE - F 1	42	35	54	46	11.8	10.8
98 BARRACKS FLAT DRIVE - GF	38	31	53	45	15.2	14.3
98 BARRACKS FLAT DRIVE - F 1	41	34	55	47	13.9	12.8
100 BARRACKS FLAT DRIVE - GF	37	30	52	44	15.0	14.0
100 BARRACKS FLAT DRIVE - F 1	41	34	54	46	13.3	12.2
104 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.2	13.5
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	8.2	8.0
106 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.8	12.6
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
108 BARRACKS FLAT DRIVE - GF	37	29	50	42	13.9	12.9
108 BARRACKS FLAT DRIVE - F 1	40	33	53	44	12.9	11.8
110 BARRACKS FLAT DRIVE - GF	35	28	52	43	16.2	14.9
110 BARRACKS FLAT DRIVE - F 1	38	31	53	45	14.6	13.4
112 BARRACKS FLAT DRIVE - GF	39	31	51	43	12.9	12.2
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	14.1	12.9
116 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.3	14.2
116 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.0
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.8	12.6
120 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.5	11.3
122 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.6	9.4
126A BARRACKS FLAT DRIVE - GF	35	28	49	40	13.2	12.0
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.3	11.1
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.5	11.3

NCA8(A) - Scenario 3

Road Surface: SMA

Barrier Height, m: 3.0

Location: Road side

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
					Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.0	5.9
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.6	6.4
75 RIVER DRIVE - GF	40	33	49	40	8.2	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	49	40	10.5	10.4
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	14.4	13.4
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.0	6.6
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.3	10.2
80 BARRACKS FLAT DRIVE - F 1	41	33	55	47	14.4	14.3
82 BARRACKS FLAT DRIVE - GF	39	32	51	42	11.3	10.3
82 BARRACKS FLAT DRIVE - F 1	43	36	54	45	10.8	9.8
84 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.2	10.0
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.7	7.6
88 BARRACKS FLAT DRIVE - GF	41	34	48	39	6.9	5.9
90 BARRACKS FLAT DRIVE - GF	41	34	55	46	13.9	12.8
92 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.7	8.7
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.0	4.9
96 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.3	10.3
96 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.5	9.4
98 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.0	13.0
98 BARRACKS FLAT DRIVE - F 1	41	34	54	46	12.6	11.5
100 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.9
100 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.9	10.8
104 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	12.2
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.9	7.7
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	7.8	7.6
106 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.6	11.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.0	7.8
108 BARRACKS FLAT DRIVE - GF	37	29	49	41	12.8	11.7
108 BARRACKS FLAT DRIVE - F 1	40	33	51	43	11.6	10.5
110 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.4	14.2
110 BARRACKS FLAT DRIVE - F 1	38	31	52	44	13.7	12.5
112 BARRACKS FLAT DRIVE - GF	39	31	51	42	12.1	11.4
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.4	12.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.8	13.7
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.6	11.4
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.4	12.2
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	10.8
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.9	8.8
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.7	11.5
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.7	10.5
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.2	11.0

NCA8(A) - Scenario 4

Road Surface: SMA

Barrier Height, m: 3.6

Location: Road side

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.8
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.5	6.4
75 RIVER DRIVE - GF	40	33	48	40	8.1	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	10.0	10.0
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.7	12.8
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.8	6.4
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	10.6	9.5
80 BARRACKS FLAT DRIVE - F 1	41	33	54	46	13.0	12.9
82 BARRACKS FLAT DRIVE - GF	39	32	50	41	10.4	9.4
82 BARRACKS FLAT DRIVE - F 1	43	36	52	44	9.6	8.6
84 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.4	9.3
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.0	7.0
88 BARRACKS FLAT DRIVE - GF	41	34	47	39	6.3	5.4
90 BARRACKS FLAT DRIVE - GF	41	34	53	45	12.8	11.7
92 BARRACKS FLAT DRIVE - F 1	42	35	51	42	8.9	7.9
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	5.4	4.4
96 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.3	9.3
96 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.3	8.3
98 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	11.9
98 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.4	10.3
100 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.8	11.8
100 BARRACKS FLAT DRIVE - F 1	41	34	51	43	10.6	9.5
104 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.1
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.7	7.5
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.4	7.2
106 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.5	10.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.8	7.6
108 BARRACKS FLAT DRIVE - GF	37	29	48	40	11.7	10.6
108 BARRACKS FLAT DRIVE - F 1	40	33	50	42	10.4	9.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.7	13.5
110 BARRACKS FLAT DRIVE - F 1	38	31	51	43	12.9	11.7
112 BARRACKS FLAT DRIVE - GF	39	31	50	42	11.4	10.7
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.9	11.7
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.4	13.3
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.1	10.9
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	13.0	11.8
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.5
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.5	8.3
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.4	11.2
126A BARRACKS FLAT DRIVE - F 1	38	31	50	41	11.5	10.3
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.1	10.9

NCA8(A) - Scenario 5

Road Surface: SMA

Barrier Height, m: 4.2

Location: Road side

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.7
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
73 RIVER DRIVE - F 1	41	34	49	41	7.4	6.3
75 RIVER DRIVE - GF	40	33	48	40	8.0	6.9
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	9.5	9.6
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.2
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.6	6.3
80 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.8	8.8
80 BARRACKS FLAT DRIVE - F 1	41	33	53	45	11.9	11.8
82 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.5	8.6
82 BARRACKS FLAT DRIVE - F 1	43	36	51	43	8.5	7.5
84 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.7	8.6
86 BARRACKS FLAT DRIVE - GF	39	32	46	38	7.4	6.4
88 BARRACKS FLAT DRIVE - GF	41	34	46	38	5.8	4.9
90 BARRACKS FLAT DRIVE - GF	41	34	52	44	11.7	10.7
92 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	4.8	3.8
96 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.4
96 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
98 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.9	11.0
98 BARRACKS FLAT DRIVE - F 1	41	34	52	43	10.3	9.2
100 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.7
100 BARRACKS FLAT DRIVE - F 1	41	34	50	42	9.5	8.4
104 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6	10.0
105 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.5	7.3
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.1	6.9
106 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.5	9.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.6	7.4
108 BARRACKS FLAT DRIVE - GF	37	29	47	39	10.7	9.7
108 BARRACKS FLAT DRIVE - F 1	40	33	49	41	9.3	8.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.2	13.0
110 BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.2	11.0
112 BARRACKS FLAT DRIVE - GF	39	31	49	41	10.9	10.2
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.4	11.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.1	13.0
116 BARRACKS FLAT DRIVE - F 1	39	32	50	42	11.7	10.5
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.8	11.6
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.4	10.3
122 BARRACKS FLAT DRIVE - GF	38	31	47	38	9.0	7.9
126A BARRACKS FLAT DRIVE - GF	35	28	47	39	12.1	10.9
126A BARRACKS FLAT DRIVE - F 1	38	31	49	41	11.2	10.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.9	10.8

NCA8(A) - Scenario 6	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (30m west)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.1	6.0
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.7	6.5
75 RIVER DRIVE - GF	40	33	49	40	8.3	7.1
78 BARRACKS FLAT DRIVE - GF	38	30	49	41	10.8	10.7
78 BARRACKS FLAT DRIVE - F 1	39	32	54	46	15.3	14.3
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.2	6.7
80 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.0	10.9
80 BARRACKS FLAT DRIVE - F 1	41	33	57	49	16.0	15.8
82 BARRACKS FLAT DRIVE - GF	39	32	52	43	12.3	11.3
82 BARRACKS FLAT DRIVE - F 1	43	36	55	47	12.4	11.3
84 BARRACKS FLAT DRIVE - GF	37	30	49	40	12.0	10.9
86 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.2
88 BARRACKS FLAT DRIVE - GF	41	34	48	40	7.5	6.5
90 BARRACKS FLAT DRIVE - GF	41	34	56	48	15.1	14.1
92 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.4	9.4
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.4	5.3
96 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.4	11.4
96 BARRACKS FLAT DRIVE - F 1	42	35	54	46	11.8	10.8
98 BARRACKS FLAT DRIVE - GF	38	31	53	45	15.2	14.3
98 BARRACKS FLAT DRIVE - F 1	41	34	55	47	13.9	12.8
100 BARRACKS FLAT DRIVE - GF	37	30	52	44	15.0	14.0
100 BARRACKS FLAT DRIVE - F 1	41	34	54	46	13.3	12.2
104 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.2	13.5
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	8.2	8.0
106 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.8	12.6
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
108 BARRACKS FLAT DRIVE - GF	37	29	50	42	13.9	12.9
108 BARRACKS FLAT DRIVE - F 1	40	33	53	44	12.9	11.8
110 BARRACKS FLAT DRIVE - GF	35	28	52	43	16.2	14.9
110 BARRACKS FLAT DRIVE - F 1	38	31	53	45	14.6	13.4
112 BARRACKS FLAT DRIVE - GF	39	31	51	43	12.9	12.2
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	14.1	12.9
116 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.3	14.2
116 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.0
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.8	12.6
120 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.5	11.3
122 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.5	9.3
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	13.0	11.8
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.1	10.9
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.4	11.2

NCA8(A) - Scenario 7	Road Surface:	SMA	Barrier Height, m:	3.0	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (30m west)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.0	5.9
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.6	6.4
75 RIVER DRIVE - GF	40	33	49	40	8.2	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	49	40	10.5	10.4
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	14.4	13.4
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.0	6.6
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.3	10.2
80 BARRACKS FLAT DRIVE - F 1	41	33	55	47	14.4	14.3
82 BARRACKS FLAT DRIVE - GF	39	32	51	42	11.3	10.3
82 BARRACKS FLAT DRIVE - F 1	43	36	54	45	10.8	9.8
84 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.2	10.0
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.7	7.6
88 BARRACKS FLAT DRIVE - GF	41	34	48	39	6.9	5.9
90 BARRACKS FLAT DRIVE - GF	41	34	55	46	13.9	12.8
92 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.7	8.7
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.0	4.9
96 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.3	10.3
96 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.5	9.4
98 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.0	13.0
98 BARRACKS FLAT DRIVE - F 1	41	34	54	46	12.6	11.5
100 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.9
100 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.9	10.8
104 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	12.2
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.9	7.7
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	7.8	7.6
106 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.6	11.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.0	7.8
108 BARRACKS FLAT DRIVE - GF	37	29	49	41	12.8	11.7
108 BARRACKS FLAT DRIVE - F 1	40	33	51	43	11.6	10.5
110 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.4	14.2
110 BARRACKS FLAT DRIVE - F 1	38	31	52	44	13.7	12.5
112 BARRACKS FLAT DRIVE - GF	39	31	51	42	12.1	11.4
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.4	12.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.8	13.7
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.6	11.4
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.4	12.2
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	10.8
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.9	8.8
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.7	11.5
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.7	10.5
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.2	11.0

NCA8(A) - Scenario 8	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (30m west)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.8
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.5	6.4
75 RIVER DRIVE - GF	40	33	48	40	8.1	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	10.0	10.0
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.7	12.8
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.8	6.4
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	10.6	9.5
80 BARRACKS FLAT DRIVE - F 1	41	33	54	46	13.0	12.9
82 BARRACKS FLAT DRIVE - GF	39	32	50	41	10.4	9.4
82 BARRACKS FLAT DRIVE - F 1	43	36	52	44	9.6	8.6
84 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.4	9.3
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.0	7.0
88 BARRACKS FLAT DRIVE - GF	41	34	47	39	6.3	5.4
90 BARRACKS FLAT DRIVE - GF	41	34	53	45	12.8	11.7
92 BARRACKS FLAT DRIVE - F 1	42	35	51	42	8.9	7.9
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	5.4	4.4
96 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.3	9.3
96 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.3	8.3
98 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	11.9
98 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.4	10.3
100 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.8	11.8
100 BARRACKS FLAT DRIVE - F 1	41	34	51	43	10.6	9.5
104 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.1
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.7	7.5
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.4	7.2
106 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.5	10.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.8	7.6
108 BARRACKS FLAT DRIVE - GF	37	29	48	40	11.7	10.6
108 BARRACKS FLAT DRIVE - F 1	40	33	50	42	10.4	9.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.7	13.5
110 BARRACKS FLAT DRIVE - F 1	38	31	51	43	12.9	11.7
112 BARRACKS FLAT DRIVE - GF	39	31	50	42	11.4	10.7
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.9	11.7
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.4	13.3
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.1	10.9
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	13.0	11.8
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.5
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.5	8.3
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.4	11.2
126A BARRACKS FLAT DRIVE - F 1	38	31	50	41	11.5	10.3
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.1	10.9

NCA8(A) - Scenario 9	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Road side
			Barrier Height, m:	2.4	Location:	Bridge (30m west)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.7
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
73 RIVER DRIVE - F 1	41	34	49	41	7.4	6.3
75 RIVER DRIVE - GF	40	33	48	40	8.0	6.9
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	9.5	9.6
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.2
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.6	6.3
80 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.8	8.8
80 BARRACKS FLAT DRIVE - F 1	41	33	53	45	11.9	11.8
82 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.5	8.6
82 BARRACKS FLAT DRIVE - F 1	43	36	51	43	8.5	7.5
84 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.7	8.6
86 BARRACKS FLAT DRIVE - GF	39	32	46	38	7.4	6.4
88 BARRACKS FLAT DRIVE - GF	41	34	46	38	5.8	4.9
90 BARRACKS FLAT DRIVE - GF	41	34	52	44	11.7	10.7
92 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	4.8	3.8
96 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.4
96 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
98 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.9	11.0
98 BARRACKS FLAT DRIVE - F 1	41	34	52	43	10.3	9.2
100 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.7
100 BARRACKS FLAT DRIVE - F 1	41	34	50	42	9.5	8.4
104 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6	10.0
105 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.5	7.3
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.1	6.9
106 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.5	9.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.6	7.4
108 BARRACKS FLAT DRIVE - GF	37	29	47	39	10.7	9.7
108 BARRACKS FLAT DRIVE - F 1	40	33	49	41	9.3	8.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.2	13.0
110 BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.2	11.0
112 BARRACKS FLAT DRIVE - GF	39	31	49	41	10.9	10.2
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.4	11.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.1	13.0
116 BARRACKS FLAT DRIVE - F 1	39	32	50	42	11.7	10.5
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.8	11.6
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.4	10.3
122 BARRACKS FLAT DRIVE - GF	38	31	47	38	9.0	7.9
126A BARRACKS FLAT DRIVE - GF	35	28	47	39	12.1	10.9
126A BARRACKS FLAT DRIVE - F 1	38	31	49	41	11.2	10.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.9	10.8

NCA8(A) - Scenario 10

Road Surface: SMA

Barrier Height, m: 2.4

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
69 RIVER DRIVE - F 1	42	35	49	41	7.8	6.6
73 RIVER DRIVE - GF	40	33	48	40	8.2	6.9
73 RIVER DRIVE - F 1	41	34	50	42	8.5	7.3
75 RIVER DRIVE - GF	40	33	49	41	9.1	7.9
78 BARRACKS FLAT DRIVE - GF	38	30	50	42	12.1	12.1
78 BARRACKS FLAT DRIVE - F 1	39	32	54	46	15.3	14.3
79 BARRACKS FLAT DRIVE - GF	39	32	47	39	7.6	7.1
80 BARRACKS FLAT DRIVE - GF	39	32	51	43	11.7	10.6
80 BARRACKS FLAT DRIVE - F 1	41	33	59	51	18.3	18.1
82 BARRACKS FLAT DRIVE - GF	39	32	54	45	14.4	13.4
82 BARRACKS FLAT DRIVE - F 1	43	36	59	51	15.9	14.9
84 BARRACKS FLAT DRIVE - GF	37	30	50	42	13.8	12.6
86 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.5	9.4
88 BARRACKS FLAT DRIVE - GF	41	34	49	41	8.4	7.4
90 BARRACKS FLAT DRIVE - GF	41	34	53	44	12.0	10.9
92 BARRACKS FLAT DRIVE - F 1	42	35	53	45	11.6	10.5
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.4	5.4
96 BARRACKS FLAT DRIVE - GF	39	32	53	45	14.4	13.3
96 BARRACKS FLAT DRIVE - F 1	42	35	55	47	13.6	12.4
98 BARRACKS FLAT DRIVE - GF	38	31	56	48	17.9	16.9
98 BARRACKS FLAT DRIVE - F 1	41	34	58	49	16.4	15.2
100 BARRACKS FLAT DRIVE - GF	37	30	55	47	18.0	16.9
100 BARRACKS FLAT DRIVE - F 1	41	34	57	49	16.5	15.3
104 BARRACKS FLAT DRIVE - GF	38	31	57	49	18.7	18.0
105 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.8	9.5
105 BARRACKS FLAT DRIVE - F 1	42	34	53	44	10.7	10.4
106 BARRACKS FLAT DRIVE - GF	37	30	56	48	19.0	17.8
107 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.9	9.6
108 BARRACKS FLAT DRIVE - GF	37	29	54	46	17.3	16.2
108 BARRACKS FLAT DRIVE - F 1	40	33	59	51	19.4	18.1
110 BARRACKS FLAT DRIVE - GF	35	28	54	46	19.1	17.9
110 BARRACKS FLAT DRIVE - F 1	38	31	59	50	20.4	19.1
112 BARRACKS FLAT DRIVE - GF	39	31	57	49	18.3	17.6
114 BARRACKS FLAT DRIVE - GF	37	30	56	48	18.4	17.2
116 BARRACKS FLAT DRIVE - GF	35	28	55	47	19.5	18.4
116 BARRACKS FLAT DRIVE - F 1	39	32	57	48	17.9	16.7
118 BARRACKS FLAT DRIVE - GF	36	29	54	46	17.4	16.2
120 BARRACKS FLAT DRIVE - GF	37	30	53	45	15.9	14.6
122 BARRACKS FLAT DRIVE - GF	38	31	51	43	13.6	12.4
126A BARRACKS FLAT DRIVE - GF	35	28	51	43	15.7	14.5
126A BARRACKS FLAT DRIVE - F 1	38	31	53	45	15.2	14.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	43	13.1	11.9

NCA8(A) - Scenario 11

Road Surface: SMA

Barrier Height, m: 3.0

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
69 RIVER DRIVE - F 1	42	35	49	41	7.8	6.6
73 RIVER DRIVE - GF	40	33	48	40	8.2	6.9
73 RIVER DRIVE - F 1	41	34	50	42	8.5	7.3
75 RIVER DRIVE - GF	40	33	49	41	9.1	7.9
78 BARRACKS FLAT DRIVE - GF	38	30	50	42	11.5	11.6
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	14.3	13.3
79 BARRACKS FLAT DRIVE - GF	39	32	47	39	7.5	7.0
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	10.5	9.5
80 BARRACKS FLAT DRIVE - F 1	41	33	59	51	18.0	17.8
82 BARRACKS FLAT DRIVE - GF	39	32	52	44	13.1	12.1
82 BARRACKS FLAT DRIVE - F 1	43	36	58	50	15.5	14.4
84 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.9	11.7
86 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.7	8.6
88 BARRACKS FLAT DRIVE - GF	41	34	48	40	7.7	6.7
90 BARRACKS FLAT DRIVE - GF	41	34	51	43	10.5	9.4
92 BARRACKS FLAT DRIVE - F 1	42	35	53	45	11.0	10.0
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.2	5.2
96 BARRACKS FLAT DRIVE - GF	39	32	53	45	13.9	12.8
96 BARRACKS FLAT DRIVE - F 1	42	35	55	47	13.3	12.2
98 BARRACKS FLAT DRIVE - GF	38	31	55	47	17.3	16.3
98 BARRACKS FLAT DRIVE - F 1	41	34	57	49	16.1	15.0
100 BARRACKS FLAT DRIVE - GF	37	30	54	46	17.4	16.3
100 BARRACKS FLAT DRIVE - F 1	41	34	57	49	16.3	15.1
104 BARRACKS FLAT DRIVE - GF	38	31	56	48	17.7	17.0
105 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.8	9.5
105 BARRACKS FLAT DRIVE - F 1	42	34	53	44	10.7	10.4
106 BARRACKS FLAT DRIVE - GF	37	30	55	47	17.8	16.6
107 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.8	9.6
108 BARRACKS FLAT DRIVE - GF	37	29	52	44	15.7	14.6
108 BARRACKS FLAT DRIVE - F 1	40	33	59	51	19.2	18.0
110 BARRACKS FLAT DRIVE - GF	35	28	53	45	17.7	16.5
110 BARRACKS FLAT DRIVE - F 1	38	31	59	50	20.3	19.1
112 BARRACKS FLAT DRIVE - GF	39	31	56	47	17.1	16.3
114 BARRACKS FLAT DRIVE - GF	37	30	54	46	17.0	15.7
116 BARRACKS FLAT DRIVE - GF	35	28	55	47	19.5	18.3
116 BARRACKS FLAT DRIVE - F 1	39	32	57	48	17.9	16.7
118 BARRACKS FLAT DRIVE - GF	36	29	54	46	17.3	16.1
120 BARRACKS FLAT DRIVE - GF	37	30	53	45	15.8	14.6
122 BARRACKS FLAT DRIVE - GF	38	31	50	42	12.5	11.3
126A BARRACKS FLAT DRIVE - GF	35	28	51	43	15.7	14.5
126A BARRACKS FLAT DRIVE - F 1	38	31	53	45	15.2	14.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	43	13.1	11.9

NCA8(A) - Scenario 12

Road Surface: SMA

Barrier Height, m: 3.6

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
69 RIVER DRIVE - F 1	42	35	49	41	7.8	6.6
73 RIVER DRIVE - GF	40	33	48	40	8.2	6.9
73 RIVER DRIVE - F 1	41	34	50	42	8.5	7.3
75 RIVER DRIVE - GF	40	33	49	41	9.1	7.9
78 BARRACKS FLAT DRIVE - GF	38	30	49	41	10.9	11.0
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.4	12.4
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.2	6.8
80 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.3
80 BARRACKS FLAT DRIVE - F 1	41	33	56	48	15.4	15.2
82 BARRACKS FLAT DRIVE - GF	39	32	51	43	11.6	10.6
82 BARRACKS FLAT DRIVE - F 1	43	36	57	49	14.5	13.4
84 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.9	10.7
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.9	7.8
88 BARRACKS FLAT DRIVE - GF	41	34	48	39	6.9	5.9
90 BARRACKS FLAT DRIVE - GF	41	34	50	42	9.4	8.3
92 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.3	9.2
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	5.9	4.8
96 BARRACKS FLAT DRIVE - GF	39	32	52	44	13.0	12.0
96 BARRACKS FLAT DRIVE - F 1	42	35	55	46	12.7	11.5
98 BARRACKS FLAT DRIVE - GF	38	31	54	46	16.4	15.5
98 BARRACKS FLAT DRIVE - F 1	41	34	57	49	15.7	14.5
100 BARRACKS FLAT DRIVE - GF	37	30	54	45	16.6	15.5
100 BARRACKS FLAT DRIVE - F 1	41	34	57	48	15.9	14.7
104 BARRACKS FLAT DRIVE - GF	38	31	54	46	16.2	15.5
105 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.7	9.5
105 BARRACKS FLAT DRIVE - F 1	42	34	53	44	10.7	10.4
106 BARRACKS FLAT DRIVE - GF	37	30	54	45	16.2	15.0
107 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.8	9.6
108 BARRACKS FLAT DRIVE - GF	37	29	51	42	14.1	13.0
108 BARRACKS FLAT DRIVE - F 1	40	33	58	50	18.2	16.9
110 BARRACKS FLAT DRIVE - GF	35	28	52	44	16.4	15.2
110 BARRACKS FLAT DRIVE - F 1	38	31	58	50	20.1	18.8
112 BARRACKS FLAT DRIVE - GF	39	31	54	45	15.1	14.4
114 BARRACKS FLAT DRIVE - GF	37	30	53	45	15.5	14.3
116 BARRACKS FLAT DRIVE - GF	35	28	55	46	19.2	18.1
116 BARRACKS FLAT DRIVE - F 1	39	32	57	48	17.9	16.7
118 BARRACKS FLAT DRIVE - GF	36	29	54	45	17.2	16.0
120 BARRACKS FLAT DRIVE - GF	37	30	53	45	15.7	14.4
122 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.8	9.7
126A BARRACKS FLAT DRIVE - GF	35	28	51	43	15.7	14.5
126A BARRACKS FLAT DRIVE - F 1	38	31	53	45	15.2	14.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	43	13.1	11.9

NCA8(A) - Scenario 13

Road Surface: SMA

Barrier Height, m: 4.2

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
69 RIVER DRIVE - F 1	42	35	49	41	7.8	6.6
73 RIVER DRIVE - GF	40	33	48	40	8.2	6.9
73 RIVER DRIVE - F 1	41	34	50	42	8.5	7.3
75 RIVER DRIVE - GF	40	33	49	41	9.1	7.9
78 BARRACKS FLAT DRIVE - GF	38	30	48	41	10.3	10.5
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	12.6	11.7
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.1	6.6
80 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.3	7.2
80 BARRACKS FLAT DRIVE - F 1	41	33	54	46	12.8	12.7
82 BARRACKS FLAT DRIVE - GF	39	32	50	41	10.3	9.4
82 BARRACKS FLAT DRIVE - F 1	43	36	56	48	13.0	11.9
84 BARRACKS FLAT DRIVE - GF	37	30	48	39	11.0	9.8
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.1	7.1
88 BARRACKS FLAT DRIVE - GF	41	34	47	39	6.2	5.2
90 BARRACKS FLAT DRIVE - GF	41	34	49	41	8.7	7.6
92 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.5	8.4
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	5.5	4.5
96 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.1	11.1
96 BARRACKS FLAT DRIVE - F 1	42	35	54	46	11.9	10.7
98 BARRACKS FLAT DRIVE - GF	38	31	54	45	15.6	14.6
98 BARRACKS FLAT DRIVE - F 1	41	34	56	48	15.0	13.8
100 BARRACKS FLAT DRIVE - GF	37	30	53	44	15.7	14.6
100 BARRACKS FLAT DRIVE - F 1	41	34	56	48	15.3	14.1
104 BARRACKS FLAT DRIVE - GF	38	31	53	45	14.7	14.0
105 BARRACKS FLAT DRIVE - GF	41	33	51	42	9.7	9.4
105 BARRACKS FLAT DRIVE - F 1	42	34	53	44	10.6	10.4
106 BARRACKS FLAT DRIVE - GF	37	30	52	44	14.6	13.4
107 BARRACKS FLAT DRIVE - GF	41	33	51	43	9.8	9.6
108 BARRACKS FLAT DRIVE - GF	37	29	49	41	12.8	11.7
108 BARRACKS FLAT DRIVE - F 1	40	33	56	48	16.4	15.2
110 BARRACKS FLAT DRIVE - GF	35	28	51	42	15.3	14.1
110 BARRACKS FLAT DRIVE - F 1	38	31	57	49	19.0	17.7
112 BARRACKS FLAT DRIVE - GF	39	31	52	44	13.6	12.9
114 BARRACKS FLAT DRIVE - GF	37	30	52	44	14.4	13.2
116 BARRACKS FLAT DRIVE - GF	35	28	54	46	19.0	17.8
116 BARRACKS FLAT DRIVE - F 1	39	32	57	48	17.9	16.6
118 BARRACKS FLAT DRIVE - GF	36	29	53	45	17.0	15.8
120 BARRACKS FLAT DRIVE - GF	37	30	53	45	15.5	14.3
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.5	8.3
126A BARRACKS FLAT DRIVE - GF	35	28	51	43	15.7	14.5
126A BARRACKS FLAT DRIVE - F 1	38	31	53	45	15.2	13.9
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	43	13.1	11.9

NCA8(A) - Scenario 14

Road Surface: SMA

Barrier Height, m: 2.4

Location: Top of cutting/fill

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.1	6.0
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.7	6.5
75 RIVER DRIVE - GF	40	33	49	40	8.3	7.1
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	10.0	10.0
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	14.1	13.1
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.2	6.8
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.2	10.1
80 BARRACKS FLAT DRIVE - F 1	41	33	55	47	14.2	14.1
82 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.1	11.2
82 BARRACKS FLAT DRIVE - F 1	43	36	55	46	11.8	10.8
84 BARRACKS FLAT DRIVE - GF	37	30	49	40	12.0	10.9
86 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.2	8.1
88 BARRACKS FLAT DRIVE - GF	41	34	48	40	7.2	6.2
90 BARRACKS FLAT DRIVE - GF	41	34	55	47	14.7	13.7
92 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.1	9.1
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.2	5.2
96 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.4	11.4
96 BARRACKS FLAT DRIVE - F 1	42	35	54	46	11.7	10.7
98 BARRACKS FLAT DRIVE - GF	38	31	53	45	15.2	14.2
98 BARRACKS FLAT DRIVE - F 1	41	34	55	47	13.9	12.7
100 BARRACKS FLAT DRIVE - GF	37	30	52	44	15.0	13.9
100 BARRACKS FLAT DRIVE - F 1	41	34	54	46	13.2	12.1
104 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.1	13.5
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	8.2	8.0
106 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.8	12.6
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
108 BARRACKS FLAT DRIVE - GF	37	29	50	42	13.9	12.8
108 BARRACKS FLAT DRIVE - F 1	40	33	53	44	12.9	11.8
110 BARRACKS FLAT DRIVE - GF	35	28	52	43	16.2	14.9
110 BARRACKS FLAT DRIVE - F 1	38	31	53	45	14.6	13.4
112 BARRACKS FLAT DRIVE - GF	39	31	51	43	12.9	12.2
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	14.1	12.9
116 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.3	14.2
116 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.0
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.8	12.6
120 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.5	11.3
122 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.6	9.4
126A BARRACKS FLAT DRIVE - GF	35	28	49	40	13.2	12.0
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.3	11.1
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.5	11.3

NCA8(A) - Scenario 15

Road Surface: SMA

Barrier Height, m: 3.0

Location: Top of cutting/fill

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.0	5.9
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.6	6.4
75 RIVER DRIVE - GF	40	33	49	40	8.2	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	9.7	9.7
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.5	12.6
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.0	6.6
80 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.4	9.3
80 BARRACKS FLAT DRIVE - F 1	41	33	54	46	12.9	12.7
82 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.1	10.2
82 BARRACKS FLAT DRIVE - F 1	43	36	53	45	10.4	9.4
84 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.2	10.1
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.5	7.4
88 BARRACKS FLAT DRIVE - GF	41	34	47	39	6.6	5.7
90 BARRACKS FLAT DRIVE - GF	41	34	54	46	13.5	12.5
92 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.3	8.3
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	5.7	4.7
96 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.2	10.3
96 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.4	9.3
98 BARRACKS FLAT DRIVE - GF	38	31	52	44	13.9	13.0
98 BARRACKS FLAT DRIVE - F 1	41	34	54	46	12.5	11.4
100 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.8	12.8
100 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.9	10.8
104 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	12.2
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.9	7.7
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	7.8	7.6
106 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.6	11.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.0	7.8
108 BARRACKS FLAT DRIVE - GF	37	29	49	41	12.7	11.7
108 BARRACKS FLAT DRIVE - F 1	40	33	51	43	11.6	10.4
110 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.4	14.2
110 BARRACKS FLAT DRIVE - F 1	38	31	52	44	13.7	12.5
112 BARRACKS FLAT DRIVE - GF	39	31	51	42	12.1	11.4
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.4	12.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.8	13.7
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.6	11.4
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.4	12.2
120 BARRACKS FLAT DRIVE - GF	37	30	50	41	12.1	10.9
122 BARRACKS FLAT DRIVE - GF	38	31	48	39	10.0	8.9
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.9	11.6
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.9	10.7
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.3	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.3	11.1

NCA8(A) - Scenario 16

Road Surface: SMA

Barrier Height, m: 3.6

Location: Top of cutting/fill

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.8
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.5	6.4
75 RIVER DRIVE - GF	40	33	48	40	8.1	6.9
78 BARRACKS FLAT DRIVE - GF	38	30	47	39	9.3	9.4
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.1	12.2
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.8	6.4
80 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.7	8.6
80 BARRACKS FLAT DRIVE - F 1	41	33	53	45	11.7	11.7
82 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.1	9.2
82 BARRACKS FLAT DRIVE - F 1	43	36	52	44	9.1	8.1
84 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.4	9.3
86 BARRACKS FLAT DRIVE - GF	39	32	46	38	7.9	6.9
88 BARRACKS FLAT DRIVE - GF	41	34	47	39	6.2	5.2
90 BARRACKS FLAT DRIVE - GF	41	34	53	45	12.4	11.4
92 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.5	7.5
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	5.2	4.2
96 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.2	9.2
96 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.1	8.1
98 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.8	11.9
98 BARRACKS FLAT DRIVE - F 1	41	34	53	44	11.3	10.2
100 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.7	11.7
100 BARRACKS FLAT DRIVE - F 1	41	34	51	43	10.5	9.4
104 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.0
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.7	7.5
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.4	7.2
106 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.5	10.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.8	7.6
108 BARRACKS FLAT DRIVE - GF	37	29	48	40	11.7	10.6
108 BARRACKS FLAT DRIVE - F 1	40	33	50	42	10.3	9.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.7	13.5
110 BARRACKS FLAT DRIVE - F 1	38	31	51	43	12.8	11.7
112 BARRACKS FLAT DRIVE - GF	39	31	50	42	11.4	10.7
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.9	11.7
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.4	13.3
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.1	10.9
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	13.0	11.8
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.5
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.6	8.4
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.6	11.4
126A BARRACKS FLAT DRIVE - F 1	38	31	50	41	11.6	10.4
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.2	12.1
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.2	11.0

NCA8(A) - Scenario 17	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Top of cutting/fill
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.7
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
73 RIVER DRIVE - F 1	41	34	49	41	7.4	6.3
75 RIVER DRIVE - GF	40	33	48	40	8.0	6.9
78 BARRACKS FLAT DRIVE - GF	38	30	47	39	9.0	9.0
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	12.8	11.9
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.6	6.3
80 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.0	7.9
80 BARRACKS FLAT DRIVE - F 1	41	33	52	44	10.8	10.8
82 BARRACKS FLAT DRIVE - GF	39	32	49	40	9.3	8.4
82 BARRACKS FLAT DRIVE - F 1	43	36	51	43	8.1	7.1
84 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.6	8.5
86 BARRACKS FLAT DRIVE - GF	39	32	46	38	7.3	6.3
88 BARRACKS FLAT DRIVE - GF	41	34	46	38	5.6	4.7
90 BARRACKS FLAT DRIVE - GF	41	34	52	44	11.4	10.4
92 BARRACKS FLAT DRIVE - F 1	42	35	49	41	7.7	6.7
94 BARRACKS FLAT DRIVE - GF	42	35	46	38	4.6	3.6
96 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.2	8.3
96 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.0	7.0
98 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.8	10.9
98 BARRACKS FLAT DRIVE - F 1	41	34	51	43	10.2	9.2
100 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.7
100 BARRACKS FLAT DRIVE - F 1	41	34	50	42	9.4	8.4
104 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6	10.0
105 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.5	7.3
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.1	6.9
106 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.5	9.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.6	7.4
108 BARRACKS FLAT DRIVE - GF	37	29	47	39	10.7	9.7
108 BARRACKS FLAT DRIVE - F 1	40	33	49	41	9.3	8.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.2	13.0
110 BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.2	11.0
112 BARRACKS FLAT DRIVE - GF	39	31	49	41	10.9	10.2
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.4	11.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.1	13.0
116 BARRACKS FLAT DRIVE - F 1	39	32	50	42	11.7	10.5
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.8	11.6
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.5	10.3
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.2	8.0
126A BARRACKS FLAT DRIVE - GF	35	28	48	39	12.3	11.1
126A BARRACKS FLAT DRIVE - F 1	38	31	49	41	11.4	10.2
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.2	12.0
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.1	10.9

NCA8(A) - Scenario 18

Road Surface: SMA

Barrier Height, m: 2.4

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.1	6.0
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.7	6.5
75 RIVER DRIVE - GF	40	33	49	40	8.3	7.1
78 BARRACKS FLAT DRIVE - GF	38	30	49	41	10.9	10.8
78 BARRACKS FLAT DRIVE - F 1	39	32	55	47	15.6	14.5
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.4	6.9
80 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.1	10.9
80 BARRACKS FLAT DRIVE - F 1	41	33	57	49	16.1	15.9
82 BARRACKS FLAT DRIVE - GF	39	32	52	43	12.3	11.4
82 BARRACKS FLAT DRIVE - F 1	43	36	55	47	12.4	11.3
84 BARRACKS FLAT DRIVE - GF	37	30	49	40	12.0	10.9
86 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.2
88 BARRACKS FLAT DRIVE - GF	41	34	48	40	7.5	6.5
90 BARRACKS FLAT DRIVE - GF	41	34	56	48	15.1	14.1
92 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.4	9.4
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.4	5.3
96 BARRACKS FLAT DRIVE - GF	39	32	51	43	12.4	11.4
96 BARRACKS FLAT DRIVE - F 1	42	35	54	46	11.8	10.8
98 BARRACKS FLAT DRIVE - GF	38	31	53	45	15.2	14.3
98 BARRACKS FLAT DRIVE - F 1	41	34	55	47	13.9	12.8
100 BARRACKS FLAT DRIVE - GF	37	30	52	44	15.0	14.0
100 BARRACKS FLAT DRIVE - F 1	41	34	54	46	13.3	12.2
104 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.2	13.5
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	8.2	8.0
106 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.8	12.6
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.2	8.0
108 BARRACKS FLAT DRIVE - GF	37	29	50	42	13.9	12.9
108 BARRACKS FLAT DRIVE - F 1	40	33	53	44	12.9	11.8
110 BARRACKS FLAT DRIVE - GF	35	28	52	43	16.2	14.9
110 BARRACKS FLAT DRIVE - F 1	38	31	53	45	14.6	13.4
112 BARRACKS FLAT DRIVE - GF	39	31	51	43	12.9	12.2
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	14.1	12.9
116 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.3	14.2
116 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.0
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.8	12.6
120 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.5	11.3
122 BARRACKS FLAT DRIVE - GF	38	31	48	40	10.5	9.3
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	13.0	11.8
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.1	10.9
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.4	11.2

NCA8(A) - Scenario 19

Road Surface: SMA

Barrier Height, m: 3.0

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.6	6.3
69 RIVER DRIVE - F 1	42	35	49	41	7.0	5.9
73 RIVER DRIVE - GF	40	33	48	40	7.8	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.6	6.4
75 RIVER DRIVE - GF	40	33	49	40	8.2	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	49	41	10.6	10.5
78 BARRACKS FLAT DRIVE - F 1	39	32	54	46	14.8	13.8
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.2	6.7
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.4	10.3
80 BARRACKS FLAT DRIVE - F 1	41	33	56	47	14.6	14.4
82 BARRACKS FLAT DRIVE - GF	39	32	51	42	11.3	10.3
82 BARRACKS FLAT DRIVE - F 1	43	36	54	45	10.9	9.8
84 BARRACKS FLAT DRIVE - GF	37	30	48	40	11.2	10.0
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.7	7.6
88 BARRACKS FLAT DRIVE - GF	41	34	48	39	6.9	5.9
90 BARRACKS FLAT DRIVE - GF	41	34	55	46	13.9	12.8
92 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.7	8.7
94 BARRACKS FLAT DRIVE - GF	42	35	48	40	6.0	4.9
96 BARRACKS FLAT DRIVE - GF	39	32	50	42	11.3	10.3
96 BARRACKS FLAT DRIVE - F 1	42	35	52	44	10.5	9.5
98 BARRACKS FLAT DRIVE - GF	38	31	52	44	14.0	13.0
98 BARRACKS FLAT DRIVE - F 1	41	34	54	46	12.6	11.5
100 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.9	12.9
100 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.9	10.8
104 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	12.2
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.9	7.7
105 BARRACKS FLAT DRIVE - F 1	42	34	50	42	7.8	7.6
106 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.6	11.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	8.0	7.8
108 BARRACKS FLAT DRIVE - GF	37	29	49	41	12.8	11.7
108 BARRACKS FLAT DRIVE - F 1	40	33	51	43	11.6	10.5
110 BARRACKS FLAT DRIVE - GF	35	28	51	43	15.4	14.2
110 BARRACKS FLAT DRIVE - F 1	38	31	52	44	13.7	12.5
112 BARRACKS FLAT DRIVE - GF	39	31	51	42	12.1	11.4
114 BARRACKS FLAT DRIVE - GF	37	30	51	43	13.4	12.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.8	13.7
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.6	11.4
118 BARRACKS FLAT DRIVE - GF	36	29	50	42	13.4	12.2
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	12.0	10.8
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.9	8.8
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.7	11.5
126A BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.7	10.5
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.2	11.0

NCA8(A) - Scenario 20

Road Surface: SMA

Barrier Height, m: 3.6

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.8
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.5
73 RIVER DRIVE - F 1	41	34	49	41	7.5	6.4
75 RIVER DRIVE - GF	40	33	48	40	8.1	7.0
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	10.1	10.1
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	14.2	13.2
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	7.0	6.6
80 BARRACKS FLAT DRIVE - GF	39	32	50	42	10.6	9.5
80 BARRACKS FLAT DRIVE - F 1	41	33	54	46	13.2	13.1
82 BARRACKS FLAT DRIVE - GF	39	32	50	41	10.4	9.4
82 BARRACKS FLAT DRIVE - F 1	43	36	52	44	9.7	8.6
84 BARRACKS FLAT DRIVE - GF	37	30	47	39	10.4	9.3
86 BARRACKS FLAT DRIVE - GF	39	32	47	39	8.0	7.0
88 BARRACKS FLAT DRIVE - GF	41	34	47	39	6.3	5.4
90 BARRACKS FLAT DRIVE - GF	41	34	53	45	12.8	11.7
92 BARRACKS FLAT DRIVE - F 1	42	35	51	42	8.9	7.9
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	5.4	4.4
96 BARRACKS FLAT DRIVE - GF	39	32	49	41	10.3	9.3
96 BARRACKS FLAT DRIVE - F 1	42	35	51	43	9.3	8.3
98 BARRACKS FLAT DRIVE - GF	38	31	51	43	12.9	11.9
98 BARRACKS FLAT DRIVE - F 1	41	34	53	45	11.4	10.3
100 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.8	11.8
100 BARRACKS FLAT DRIVE - F 1	41	34	51	43	10.6	9.5
104 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.7	11.1
105 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.7	7.5
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.4	7.2
106 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.5	10.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	41	7.8	7.6
108 BARRACKS FLAT DRIVE - GF	37	29	48	40	11.7	10.6
108 BARRACKS FLAT DRIVE - F 1	40	33	50	42	10.4	9.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.7	13.5
110 BARRACKS FLAT DRIVE - F 1	38	31	51	43	12.9	11.7
112 BARRACKS FLAT DRIVE - GF	39	31	50	42	11.4	10.7
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.9	11.7
116 BARRACKS FLAT DRIVE - GF	35	28	50	42	14.4	13.3
116 BARRACKS FLAT DRIVE - F 1	39	32	51	43	12.1	10.9
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	13.0	11.8
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.5
122 BARRACKS FLAT DRIVE - GF	38	31	47	39	9.5	8.3
126A BARRACKS FLAT DRIVE - GF	35	28	48	40	12.4	11.2
126A BARRACKS FLAT DRIVE - F 1	38	31	50	41	11.5	10.3
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.1	10.9

NCA8(A) - Scenario 21	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Outside shared path
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.7
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
73 RIVER DRIVE - F 1	41	34	49	41	7.4	6.3
75 RIVER DRIVE - GF	40	33	48	40	8.0	6.9
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	9.7	9.7
78 BARRACKS FLAT DRIVE - F 1	39	32	53	45	13.7	12.7
79 BARRACKS FLAT DRIVE - GF	39	32	46	39	6.9	6.5
80 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.9	8.8
80 BARRACKS FLAT DRIVE - F 1	41	33	53	45	12.2	12.1
82 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.6	8.6
82 BARRACKS FLAT DRIVE - F 1	43	36	51	43	8.6	7.6
84 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.7	8.6
86 BARRACKS FLAT DRIVE - GF	39	32	46	38	7.4	6.4
88 BARRACKS FLAT DRIVE - GF	41	34	46	38	5.8	4.9
90 BARRACKS FLAT DRIVE - GF	41	34	52	44	11.7	10.7
92 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	4.9	3.9
96 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.4
96 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.2	7.1
98 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.9	11.0
98 BARRACKS FLAT DRIVE - F 1	41	34	52	43	10.3	9.2
100 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.7
100 BARRACKS FLAT DRIVE - F 1	41	34	50	42	9.5	8.4
104 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6	10.0
105 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.5	7.3
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.1	6.9
106 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.5	9.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.6	7.4
108 BARRACKS FLAT DRIVE - GF	37	29	47	39	10.7	9.7
108 BARRACKS FLAT DRIVE - F 1	40	33	49	41	9.3	8.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.2	13.0
110 BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.2	11.0
112 BARRACKS FLAT DRIVE - GF	39	31	49	41	10.9	10.2
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.4	11.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.1	13.0
116 BARRACKS FLAT DRIVE - F 1	39	32	50	42	11.7	10.5
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.8	11.6
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.4	10.3
122 BARRACKS FLAT DRIVE - GF	38	31	47	38	9.0	7.9
126A BARRACKS FLAT DRIVE - GF	35	28	47	39	12.1	10.9
126A BARRACKS FLAT DRIVE - F 1	38	31	49	41	11.2	10.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	12.0	10.8

NCA8(A) - Scenario 22	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Outside shared path with access opening
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
69 RIVER DRIVE - GF	40	33	48	40	7.5	6.3
69 RIVER DRIVE - F 1	42	35	49	40	6.9	5.7
73 RIVER DRIVE - GF	40	33	48	40	7.7	6.4
73 RIVER DRIVE - F 1	41	34	49	41	7.4	6.3
75 RIVER DRIVE - GF	40	33	48	40	8.0	6.9
78 BARRACKS FLAT DRIVE - GF	38	30	48	40	9.5	9.6
78 BARRACKS FLAT DRIVE - F 1	39	32	52	44	13.2	12.2
79 BARRACKS FLAT DRIVE - GF	39	32	46	38	6.6	6.3
80 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.8	8.8
80 BARRACKS FLAT DRIVE - F 1	41	33	53	45	11.9	11.8
82 BARRACKS FLAT DRIVE - GF	39	32	49	41	9.5	8.6
82 BARRACKS FLAT DRIVE - F 1	43	36	51	43	8.5	7.4
84 BARRACKS FLAT DRIVE - GF	37	30	46	38	9.7	8.6
86 BARRACKS FLAT DRIVE - GF	39	32	46	38	7.4	6.4
88 BARRACKS FLAT DRIVE - GF	41	34	46	38	5.8	4.9
90 BARRACKS FLAT DRIVE - GF	41	34	52	44	11.7	10.6
92 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
94 BARRACKS FLAT DRIVE - GF	42	35	47	39	4.8	3.8
96 BARRACKS FLAT DRIVE - GF	39	32	48	40	9.3	8.4
96 BARRACKS FLAT DRIVE - F 1	42	35	50	42	8.1	7.1
98 BARRACKS FLAT DRIVE - GF	38	31	50	42	11.9	10.9
98 BARRACKS FLAT DRIVE - F 1	41	34	52	43	10.3	9.2
100 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.7	10.7
100 BARRACKS FLAT DRIVE - F 1	41	34	50	42	9.5	8.4
104 BARRACKS FLAT DRIVE - GF	38	31	49	41	10.6	10.0
105 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.5	7.3
105 BARRACKS FLAT DRIVE - F 1	42	34	49	41	7.1	6.9
106 BARRACKS FLAT DRIVE - GF	37	30	48	40	10.5	9.4
107 BARRACKS FLAT DRIVE - GF	41	33	49	40	7.6	7.4
108 BARRACKS FLAT DRIVE - GF	37	29	47	39	10.7	9.7
108 BARRACKS FLAT DRIVE - F 1	40	33	49	41	9.3	8.2
110 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.2	13.0
110 BARRACKS FLAT DRIVE - F 1	38	31	51	42	12.2	11.0
112 BARRACKS FLAT DRIVE - GF	39	31	49	41	10.9	10.2
114 BARRACKS FLAT DRIVE - GF	37	30	50	42	12.4	11.2
116 BARRACKS FLAT DRIVE - GF	35	28	50	41	14.1	13.0
116 BARRACKS FLAT DRIVE - F 1	39	32	50	42	11.7	10.5
118 BARRACKS FLAT DRIVE - GF	36	29	49	41	12.8	11.6
120 BARRACKS FLAT DRIVE - GF	37	30	49	41	11.4	10.3
122 BARRACKS FLAT DRIVE - GF	38	31	47	38	9.0	7.9
126A BARRACKS FLAT DRIVE - GF	35	28	47	39	12.1	10.9
126A BARRACKS FLAT DRIVE - F 1	38	31	49	41	11.2	10.0
126B BARRACKS FLAT DRIVE - GF	35	28	48	40	13.1	11.9
126B BARRACKS FLAT DRIVE - F 1	38	31	50	42	11.9	10.8

NCA8(B) - Scenario 1	Road Surface:	SMA	Barrier Height, m:	Nil	Location:	N/A
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)		Design Year (2027)		Relative Increase with Noise Mitigation, dBA	
	"No Build"		"Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	54	46	10.4	9.3
77 BARRACKS FLAT DRIVE - GF	45	38	49	41	4.0	3.8
1 WEBBER PLACE - GF	41	34	48	40	7.4	6.8
3 WEBBER PLACE - GF	37	30	48	40	11.9	10.9
3 WEBBER PLACE - F 1	42	35	51	43	8.8	8.0
5 WEBBER PLACE - GF	40	33	50	41	9.9	8.9
7 WEBBER PLACE - GF	37	30	51	42	13.5	12.6
7 WEBBER PLACE - F 1	42	35	54	46	12.2	11.2
9 WEBBER PLACE - GF	40	32	52	44	12.5	11.6
9 WEBBER PLACE - F 1	44	37	57	48	13.0	11.9
11 WEBBER PLACE - GF	44	36	51	43	7.1	6.2
12 WEBBER PLACE - GF	46	39	51	43	4.7	3.9
12 WEBBER PLACE - F 1	52	44	58	50	6.8	5.9
13 WEBBER PLACE - GF	45	37	52	44	7.1	6.2
11 FITZGIBBON PLACE - GF	45	38	46	39	1.9	1.0
13 FITZGIBBON PLACE - GF	47	40	51	43	4.1	3.3
15 FITZGIBBON PLACE - GF	49	42	55	47	5.1	4.4
16 FITZGIBBON PLACE - GF	50	42	55	47	5.8	5.0
17 FITZGIBBON PLACE - GF	52	45	56	48	3.3	2.6
15 CAROLINE PLACE - GF	52	45	58	50	5.5	4.7
17 CAROLINE PLACE - GF	52	45	58	50	6.0	5.2
18 CAROLINE PLACE - GF	53	46	53	46	0.0	-0.3
19 CAROLINE PLACE - GF	55	48	60	52	4.3	3.6
20 CAROLINE PLACE - GF	57	50	61	53	4.1	3.3
12 ALFRED PLACE - GF	57	49	57	50	0.7	0.2
14 ALFRED PLACE - GF	57	50	58	51	0.8	0.2
16 ALFRED PLACE - GF	57	50	58	50	0.7	0.3
18 ALFRED PLACE - GF	57	50	58	51	1.5	1.0
18 ALFRED PLACE - F 1	58	50	60	52	2.6	1.9
20 ALFRED PLACE - GF	54	46	54	47	0.6	0.3
20 ALFRED PLACE - F1	57	50	58	50	0.4	0.0

NCA8(B) - Scenario 2	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria						
74 BARRACKS FLAT DRIVE - GF	43	36	50	42	6.5	5.6
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.0	3.1
1 WEBBER PLACE - GF	41	34	47	39	6.3	5.9
3 WEBBER PLACE - GF	37	30	46	38	9.7	8.9
3 WEBBER PLACE - F 1	42	35	48	41	6.4	5.8
5 WEBBER PLACE - GF	40	33	47	39	7.3	6.4
7 WEBBER PLACE - GF	37	30	47	39	10.4	9.6
7 WEBBER PLACE - F 1	42	35	50	42	7.7	6.8
9 WEBBER PLACE - GF	40	32	49	41	9.2	8.4
9 WEBBER PLACE - F 1	44	37	51	43	7.7	6.7
11 WEBBER PLACE - GF	44	36	49	41	5.3	4.5
12 WEBBER PLACE - GF	46	39	49	41	3.4	2.7
12 WEBBER PLACE - F 1	52	44	55	47	3.3	2.5
13 WEBBER PLACE - GF	45	37	50	42	5.3	4.4
11 FITZGIBBON PLACE - GF	45	38	46	38	1.4	0.6
13 FITZGIBBON PLACE - GF	47	40	50	42	2.5	1.8
15 FITZGIBBON PLACE - GF	49	42	52	44	2.5	2.0
16 FITZGIBBON PLACE - GF	50	42	52	44	2.1	1.6
17 FITZGIBBON PLACE - GF	52	45	53	46	1.1	0.6
15 CAROLINE PLACE - GF	52	45	54	46	1.6	1.1
17 CAROLINE PLACE - GF	52	45	54	47	2.0	1.5
18 CAROLINE PLACE - GF	53	46	53	45	-0.3	-0.6
19 CAROLINE PLACE - GF	55	48	57	49	1.4	1.0
20 CAROLINE PLACE - GF	57	50	59	51	2.0	1.4
12 ALFRED PLACE - GF	57	49	55	48	-1.3	-1.6
14 ALFRED PLACE - GF	57	50	56	48	-1.8	-2.2
16 ALFRED PLACE - GF	57	50	56	48	-1.8	-2.1
18 ALFRED PLACE - GF	57	50	57	49	-0.3	-0.5
18 ALFRED PLACE - F 1	58	50	58	50	0.5	0.0
20 ALFRED PLACE - GF	54	46	53	46	-0.3	-0.5
20 ALFRED PLACE - F1	57	50	57	50	-0.4	-0.7

NCA8(B) - Scenario 3	Road Surface:	SMA	Barrier Height, m:	3.0	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.7	4.9
77 BARRACKS FLAT DRIVE - GF	45	38	47	41	2.7	3.0
1 WEBBER PLACE - GF	41	34	47	39	6.0	5.7
3 WEBBER PLACE - GF	37	30	46	38	9.3	8.5
3 WEBBER PLACE - F 1	42	35	48	40	6.0	5.5
5 WEBBER PLACE - GF	40	33	46	38	6.7	5.9
7 WEBBER PLACE - GF	37	30	47	39	9.8	8.9
7 WEBBER PLACE - F 1	42	35	49	41	6.9	6.0
9 WEBBER PLACE - GF	40	32	48	40	8.5	7.7
9 WEBBER PLACE - F 1	44	37	50	42	6.7	5.8
11 WEBBER PLACE - GF	44	36	48	40	4.7	4.0
12 WEBBER PLACE - GF	46	39	49	41	3.0	2.2
12 WEBBER PLACE - F 1	52	44	54	46	2.1	1.5
13 WEBBER PLACE - GF	45	37	49	41	4.6	3.7
11 FITZGIBBON PLACE - GF	45	38	46	38	1.1	0.3
13 FITZGIBBON PLACE - GF	47	40	49	41	1.9	1.3
15 FITZGIBBON PLACE - GF	49	42	51	43	1.9	1.3
16 FITZGIBBON PLACE - GF	50	42	51	43	1.4	0.9
17 FITZGIBBON PLACE - GF	52	45	53	45	0.5	0.0
15 CAROLINE PLACE - GF	52	45	53	45	0.9	0.4
17 CAROLINE PLACE - GF	52	45	54	46	1.2	0.7
18 CAROLINE PLACE - GF	53	46	53	45	-0.5	-0.7
19 CAROLINE PLACE - GF	55	48	56	48	0.7	0.3
20 CAROLINE PLACE - GF	57	50	58	50	1.2	0.7
12 ALFRED PLACE - GF	57	49	55	48	-1.6	-1.8
14 ALFRED PLACE - GF	57	50	55	48	-2.2	-2.5
16 ALFRED PLACE - GF	57	50	55	48	-2.3	-2.5
18 ALFRED PLACE - GF	57	50	56	48	-1.1	-1.3
18 ALFRED PLACE - F 1	58	50	58	50	0.0	-0.4
20 ALFRED PLACE - GF	54	46	53	46	-0.5	-0.7
20 ALFRED PLACE - F1	57	50	57	49	-0.6	-0.9

NCA8(B) - Scenario 4	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	48	41	5.1	4.4
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.5	2.8
1 WEBBER PLACE - GF	41	34	46	39	5.8	5.5
3 WEBBER PLACE - GF	37	30	45	38	8.9	8.2
3 WEBBER PLACE - F 1	42	35	48	40	5.6	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.5
7 WEBBER PLACE - GF	37	30	46	38	9.2	8.4
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.8	7.1
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.2	3.4
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	41	3.9	3.2
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.7
16 FITZGIBBON PLACE - GF	50	42	50	42	0.6	0.1
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	52	45	0.3	0.0
17 CAROLINE PLACE - GF	52	45	53	45	0.6	0.2
18 CAROLINE PLACE - GF	53	46	53	45	-0.6	-0.9
19 CAROLINE PLACE - GF	55	48	55	48	0.1	-0.1
20 CAROLINE PLACE - GF	57	50	57	50	0.5	0.1
12 ALFRED PLACE - GF	57	49	55	47	-1.8	-2.0
14 ALFRED PLACE - GF	57	50	55	48	-2.5	-2.7
16 ALFRED PLACE - GF	57	50	55	47	-2.6	-2.8
18 ALFRED PLACE - GF	57	50	55	47	-1.9	-2.1
18 ALFRED PLACE - F 1	58	50	57	50	-0.3	-0.6
20 ALFRED PLACE - GF	54	46	53	45	-0.8	-1.0
20 ALFRED PLACE - F1	57	50	57	49	-0.8	-1.0

NCA8(B) - Scenario 5	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Road side
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	48	40	4.6	3.9
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.4	2.7
1 WEBBER PLACE - GF	41	34	46	39	5.6	5.3
3 WEBBER PLACE - GF	37	30	45	37	8.6	7.9
3 WEBBER PLACE - F 1	42	35	47	40	5.4	4.9
5 WEBBER PLACE - GF	40	33	45	38	5.8	5.1
7 WEBBER PLACE - GF	37	30	46	38	8.7	7.9
7 WEBBER PLACE - F 1	42	35	48	40	5.8	5.0
9 WEBBER PLACE - GF	40	32	47	39	7.2	6.5
9 WEBBER PLACE - F 1	44	37	49	41	5.1	4.3
11 WEBBER PLACE - GF	44	36	47	39	3.7	3.0
12 WEBBER PLACE - GF	46	39	48	40	1.9	1.3
12 WEBBER PLACE - F 1	52	44	52	44	0.4	-0.2
13 WEBBER PLACE - GF	45	37	48	40	3.3	2.5
11 FITZGIBBON PLACE - GF	45	38	45	37	0.4	-0.3
13 FITZGIBBON PLACE - GF	47	40	48	40	0.8	0.2
15 FITZGIBBON PLACE - GF	49	42	50	42	0.4	-0.1
16 FITZGIBBON PLACE - GF	50	42	49	42	-0.3	-0.7
17 FITZGIBBON PLACE - GF	52	45	52	44	-0.7	-1.1
15 CAROLINE PLACE - GF	52	45	52	44	-0.2	-0.5
17 CAROLINE PLACE - GF	52	45	52	45	0.1	-0.2
18 CAROLINE PLACE - GF	53	46	52	45	-0.8	-1.0
19 CAROLINE PLACE - GF	55	48	55	47	-0.3	-0.5
20 CAROLINE PLACE - GF	57	50	57	49	0.0	-0.4
12 ALFRED PLACE - GF	57	49	55	47	-2.0	-2.2
14 ALFRED PLACE - GF	57	50	55	47	-2.7	-2.9
16 ALFRED PLACE - GF	57	50	54	47	-2.9	-3.1
18 ALFRED PLACE - GF	57	50	54	47	-2.8	-3.0
18 ALFRED PLACE - F 1	58	50	57	49	-0.7	-1.0
20 ALFRED PLACE - GF	54	46	52	45	-1.2	-1.4
20 ALFRED PLACE - F1	57	50	56	49	-1.0	-1.2

NCA8(B) - Scenario 6

Road Surface: SMA

Barrier Height, m: 2.4

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)			Design Year (2027)		
	"No Build"			"Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	52	44	8.7	7.7
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.9	3.8
1 WEBBER PLACE - GF	41	34	48	41	7.5	7.0
3 WEBBER PLACE - GF	37	30	48	40	11.7	10.9
3 WEBBER PLACE - F 1	42	35	51	43	8.7	8.1
5 WEBBER PLACE - GF	40	33	49	41	9.3	8.3
7 WEBBER PLACE - GF	37	30	50	41	12.5	11.5
7 WEBBER PLACE - F 1	42	35	54	45	11.6	10.5
9 WEBBER PLACE - GF	40	32	51	42	11.0	10.1
9 WEBBER PLACE - F 1	44	37	56	48	12.8	11.6
11 WEBBER PLACE - GF	44	36	49	41	5.5	4.6
12 WEBBER PLACE - GF	46	39	49	41	2.8	2.0
12 WEBBER PLACE - F 1	52	44	58	50	6.7	5.8
13 WEBBER PLACE - GF	45	37	50	42	5.1	4.3
11 FITZGIBBON PLACE - GF	45	38	46	38	1.5	0.7
13 FITZGIBBON PLACE - GF	47	40	50	42	2.7	1.9
15 FITZGIBBON PLACE - GF	49	42	53	45	3.1	2.5
16 FITZGIBBON PLACE - GF	50	42	54	46	4.2	3.5
17 FITZGIBBON PLACE - GF	52	45	53	45	0.5	-0.1
15 CAROLINE PLACE - GF	52	45	57	49	4.9	4.1
17 CAROLINE PLACE - GF	52	45	58	50	5.7	4.9
18 CAROLINE PLACE - GF	53	46	53	46	-0.1	-0.4
19 CAROLINE PLACE - GF	55	48	58	50	2.9	2.3
20 CAROLINE PLACE - GF	57	50	59	52	2.4	1.8
12 ALFRED PLACE - GF	57	49	56	48	-0.8	-1.3
14 ALFRED PLACE - GF	57	50	58	50	0.5	0.1
16 ALFRED PLACE - GF	57	50	57	50	-0.1	-0.4
18 ALFRED PLACE - GF	57	50	58	50	0.7	0.3
18 ALFRED PLACE - F 1	58	50	60	52	2.3	1.6
20 ALFRED PLACE - GF	54	46	53	46	-0.2	-0.6
20 ALFRED PLACE - F1	57	50	58	50	0.1	-0.3

NCA8(B) - Scenario 7

Road Surface: SMA

Barrier Height, m: 3.0

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria						
74 BARRACKS FLAT DRIVE - GF	43	36	51	43	7.5	6.6
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.7	3.6
1 WEBBER PLACE - GF	41	34	48	40	7.3	6.9
3 WEBBER PLACE - GF	37	30	48	40	11.3	10.5
3 WEBBER PLACE - F 1	42	35	50	43	8.3	7.7
5 WEBBER PLACE - GF	40	33	48	40	8.6	7.8
7 WEBBER PLACE - GF	37	30	49	41	11.7	10.8
7 WEBBER PLACE - F 1	42	35	53	44	10.6	9.6
9 WEBBER PLACE - GF	40	32	50	41	10.0	9.2
9 WEBBER PLACE - F 1	44	37	55	47	11.7	10.6
11 WEBBER PLACE - GF	44	36	48	40	4.5	3.7
12 WEBBER PLACE - GF	46	39	48	40	1.6	0.9
12 WEBBER PLACE - F 1	52	44	58	50	6.0	5.1
13 WEBBER PLACE - GF	45	37	49	40	4.0	3.1
11 FITZGIBBON PLACE - GF	45	38	46	38	1.3	0.5
13 FITZGIBBON PLACE - GF	47	40	49	41	1.8	1.0
15 FITZGIBBON PLACE - GF	49	42	51	43	2.0	1.3
16 FITZGIBBON PLACE - GF	50	42	53	45	2.9	2.2
17 FITZGIBBON PLACE - GF	52	45	51	44	-1.0	-1.5
15 CAROLINE PLACE - GF	52	45	56	48	3.8	3.1
17 CAROLINE PLACE - GF	52	45	57	49	5.1	4.3
18 CAROLINE PLACE - GF	53	46	53	45	-0.2	-0.5
19 CAROLINE PLACE - GF	55	48	57	49	1.5	0.9
20 CAROLINE PLACE - GF	57	50	57	50	0.3	-0.2
12 ALFRED PLACE - GF	57	49	55	47	-2.0	-2.5
14 ALFRED PLACE - GF	57	50	57	50	-0.1	-0.5
16 ALFRED PLACE - GF	57	50	57	49	-0.7	-1.0
18 ALFRED PLACE - GF	57	50	57	49	0.0	-0.4
18 ALFRED PLACE - F 1	58	50	60	52	2.0	1.4
20 ALFRED PLACE - GF	54	46	53	45	-0.9	-1.2
20 ALFRED PLACE - F1	57	50	57	50	-0.3	-0.6

NCA8(B) - Scenario 8

Road Surface: SMA

Barrier Height, m: 3.6

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"			Design Year (2027) "Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	50	42	6.3	5.4
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.4	3.4
1 WEBBER PLACE - GF	41	34	48	40	7.0	6.6
3 WEBBER PLACE - GF	37	30	47	40	10.8	10.1
3 WEBBER PLACE - F 1	42	35	50	42	7.8	7.2
5 WEBBER PLACE - GF	40	33	48	40	7.9	7.1
7 WEBBER PLACE - GF	37	30	48	40	10.9	10.0
7 WEBBER PLACE - F 1	42	35	51	43	9.4	8.4
9 WEBBER PLACE - GF	40	32	49	40	9.0	8.2
9 WEBBER PLACE - F 1	44	37	54	46	10.1	9.0
11 WEBBER PLACE - GF	44	36	47	39	3.5	2.7
12 WEBBER PLACE - GF	46	39	46	38	0.4	-0.3
12 WEBBER PLACE - F 1	52	44	54	46	2.8	2.0
13 WEBBER PLACE - GF	45	37	47	39	2.7	1.9
11 FITZGIBBON PLACE - GF	45	38	46	38	1.1	0.3
13 FITZGIBBON PLACE - GF	47	40	48	40	0.9	0.1
15 FITZGIBBON PLACE - GF	49	42	50	42	0.8	0.2
16 FITZGIBBON PLACE - GF	50	42	51	43	1.5	0.9
17 FITZGIBBON PLACE - GF	52	45	50	42	-2.6	-3.1
15 CAROLINE PLACE - GF	52	45	54	47	2.3	1.7
17 CAROLINE PLACE - GF	52	45	56	48	3.4	2.7
18 CAROLINE PLACE - GF	53	46	53	45	-0.4	-0.7
19 CAROLINE PLACE - GF	55	48	55	47	-0.5	-1.1
20 CAROLINE PLACE - GF	57	50	55	47	-2.1	-2.6
12 ALFRED PLACE - GF	57	49	53	46	-3.3	-3.8
14 ALFRED PLACE - GF	57	50	56	49	-1.4	-1.8
16 ALFRED PLACE - GF	57	50	56	48	-1.6	-1.9
18 ALFRED PLACE - GF	57	50	56	48	-1.0	-1.3
18 ALFRED PLACE - F 1	58	50	59	51	1.6	1.0
20 ALFRED PLACE - GF	54	46	52	44	-1.7	-2.0
20 ALFRED PLACE - F1	57	50	57	49	-0.8	-1.1

NCA8(B) - Scenario 9

Road Surface: SMA

Barrier Height, m: 4.2

Location: Property boundary

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.3	4.5
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.1	3.2
1 WEBBER PLACE - GF	41	34	47	40	6.7	6.3
3 WEBBER PLACE - GF	37	30	47	39	10.3	9.7
3 WEBBER PLACE - F 1	42	35	49	42	7.2	6.8
5 WEBBER PLACE - GF	40	33	47	39	7.3	6.6
7 WEBBER PLACE - GF	37	30	47	39	10.2	9.3
7 WEBBER PLACE - F 1	42	35	50	42	8.3	7.4
9 WEBBER PLACE - GF	40	32	48	40	8.1	7.3
9 WEBBER PLACE - F 1	44	37	52	44	8.5	7.5
11 WEBBER PLACE - GF	44	36	46	38	2.6	1.8
12 WEBBER PLACE - GF	46	39	45	37	-0.6	-1.3
12 WEBBER PLACE - F 1	52	44	52	44	0.3	-0.5
13 WEBBER PLACE - GF	45	37	46	38	1.7	0.9
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	47	39	0.1	-0.6
15 FITZGIBBON PLACE - GF	49	42	49	41	-0.2	-0.8
16 FITZGIBBON PLACE - GF	50	42	50	42	0.4	-0.2
17 FITZGIBBON PLACE - GF	52	45	48	41	-4.1	-4.6
15 CAROLINE PLACE - GF	52	45	53	45	0.9	0.3
17 CAROLINE PLACE - GF	52	45	54	46	1.5	0.9
18 CAROLINE PLACE - GF	53	46	53	45	-0.6	-0.9
19 CAROLINE PLACE - GF	55	48	53	45	-2.3	-2.8
20 CAROLINE PLACE - GF	57	50	53	45	-4.0	-4.4
12 ALFRED PLACE - GF	57	49	52	44	-4.4	-5.0
14 ALFRED PLACE - GF	57	50	55	47	-2.8	-3.2
16 ALFRED PLACE - GF	57	50	55	47	-2.6	-2.8
18 ALFRED PLACE - GF	57	50	55	47	-2.0	-2.3
18 ALFRED PLACE - F 1	58	50	59	51	1.0	0.5
20 ALFRED PLACE - GF	54	46	51	44	-2.5	-2.8
20 ALFRED PLACE - F1	57	50	56	49	-1.3	-1.6

NCA8(B) - Scenario 10	Road Surface:	SMA	Barrier Height, m:	2.4	Location:	Top of cutting/fill
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	50	42	7.0	6.1
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.1	3.2
1 WEBBER PLACE - GF	41	34	47	40	6.5	6.0
3 WEBBER PLACE - GF	37	30	47	39	10.1	9.3
3 WEBBER PLACE - F 1	42	35	49	41	6.7	6.1
5 WEBBER PLACE - GF	40	33	47	39	7.7	6.8
7 WEBBER PLACE - GF	37	30	48	40	10.9	10.0
7 WEBBER PLACE - F 1	42	35	50	42	8.4	7.5
9 WEBBER PLACE - GF	40	32	49	41	9.7	8.8
9 WEBBER PLACE - F 1	44	37	52	44	8.6	7.6
11 WEBBER PLACE - GF	44	36	49	41	5.4	4.5
12 WEBBER PLACE - GF	46	39	49	41	3.2	2.5
12 WEBBER PLACE - F 1	52	44	54	47	2.8	2.1
13 WEBBER PLACE - GF	45	37	50	42	5.0	4.2
11 FITZGIBBON PLACE - GF	45	38	46	38	1.2	0.4
13 FITZGIBBON PLACE - GF	47	40	50	42	2.7	2.0
15 FITZGIBBON PLACE - GF	49	42	52	44	2.9	2.3
16 FITZGIBBON PLACE - GF	50	42	53	45	3.4	2.8
17 FITZGIBBON PLACE - GF	52	45	54	46	1.5	0.9
15 CAROLINE PLACE - GF	52	45	55	47	3.0	2.4
17 CAROLINE PLACE - GF	52	45	56	48	3.9	3.2
18 CAROLINE PLACE - GF	53	46	53	45	-0.3	-0.5
19 CAROLINE PLACE - GF	55	48	58	50	3.2	2.5
20 CAROLINE PLACE - GF	57	50	60	52	2.8	2.1
12 ALFRED PLACE - GF	57	49	55	48	-1.4	-1.7
14 ALFRED PLACE - GF	57	50	55	48	-2.0	-2.3
16 ALFRED PLACE - GF	57	50	55	48	-2.0	-2.3
18 ALFRED PLACE - GF	57	50	57	49	-0.2	-0.5
18 ALFRED PLACE - F 1	58	50	58	51	0.7	0.2
20 ALFRED PLACE - GF	54	46	54	46	-0.1	-0.4
20 ALFRED PLACE - F1	57	50	57	50	-0.2	-0.5

NCA8(B) - Scenario 11

Road Surface:

SMA

Barrier Height, m:

3.0

Location:

Top of cutting/fill

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)		Design Year (2027)		Relative Increase with Noise Mitigation, dBA	
	"No Build"		"Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	50	42	6.2	5.4
77 BARRACKS FLAT DRIVE - GF	45	38	47	41	2.9	3.1
1 WEBBER PLACE - GF	41	34	47	39	6.2	5.8
3 WEBBER PLACE - GF	37	30	46	38	9.6	8.8
3 WEBBER PLACE - F 1	42	35	48	41	6.3	5.7
5 WEBBER PLACE - GF	40	33	47	39	7.1	6.3
7 WEBBER PLACE - GF	37	30	47	39	10.3	9.4
7 WEBBER PLACE - F 1	42	35	50	41	7.6	6.6
9 WEBBER PLACE - GF	40	32	49	40	9.0	8.2
9 WEBBER PLACE - F 1	44	37	51	43	7.5	6.5
11 WEBBER PLACE - GF	44	36	48	40	4.7	3.9
12 WEBBER PLACE - GF	46	39	49	41	2.7	2.0
12 WEBBER PLACE - F 1	52	44	54	46	1.9	1.2
13 WEBBER PLACE - GF	45	37	49	41	4.3	3.5
11 FITZGIBBON PLACE - GF	45	38	46	38	1.0	0.2
13 FITZGIBBON PLACE - GF	47	40	49	41	2.1	1.4
15 FITZGIBBON PLACE - GF	49	42	52	44	2.2	1.7
16 FITZGIBBON PLACE - GF	50	42	52	44	2.5	1.9
17 FITZGIBBON PLACE - GF	52	45	53	46	0.9	0.4
15 CAROLINE PLACE - GF	52	45	54	46	2.0	1.5
17 CAROLINE PLACE - GF	52	45	55	47	2.8	2.2
18 CAROLINE PLACE - GF	53	46	53	45	-0.4	-0.7
19 CAROLINE PLACE - GF	55	48	57	50	2.1	1.6
20 CAROLINE PLACE - GF	57	50	59	51	2.0	1.5
12 ALFRED PLACE - GF	57	49	55	47	-1.7	-2.0
14 ALFRED PLACE - GF	57	50	55	48	-2.4	-2.6
16 ALFRED PLACE - GF	57	50	55	47	-2.5	-2.7
18 ALFRED PLACE - GF	57	50	56	48	-1.1	-1.3
18 ALFRED PLACE - F 1	58	50	58	50	0.1	-0.3
20 ALFRED PLACE - GF	54	46	53	46	-0.4	-0.6
20 ALFRED PLACE - F1	57	50	57	50	-0.4	-0.7

NCA8(B) - Scenario 12	Road Surface:	SMA	Barrier Height, m:	3.6	Location:	Top of cutting/fill
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.5	4.7
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.7	2.9
1 WEBBER PLACE - GF	41	34	46	39	5.9	5.6
3 WEBBER PLACE - GF	37	30	46	38	9.2	8.5
3 WEBBER PLACE - F 1	42	35	48	40	5.9	5.4
5 WEBBER PLACE - GF	40	33	46	38	6.6	5.8
7 WEBBER PLACE - GF	37	30	47	39	9.8	8.9
7 WEBBER PLACE - F 1	42	35	49	41	6.8	5.9
9 WEBBER PLACE - GF	40	32	48	40	8.3	7.5
9 WEBBER PLACE - F 1	44	37	50	42	6.5	5.6
11 WEBBER PLACE - GF	44	36	48	40	4.1	3.3
12 WEBBER PLACE - GF	46	39	48	40	2.2	1.6
12 WEBBER PLACE - F 1	52	44	53	45	1.1	0.5
13 WEBBER PLACE - GF	45	37	48	40	3.7	2.9
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.6	0.9
15 FITZGIBBON PLACE - GF	49	42	51	43	1.6	1.1
16 FITZGIBBON PLACE - GF	50	42	51	44	1.8	1.2
17 FITZGIBBON PLACE - GF	52	45	53	45	0.2	-0.2
15 CAROLINE PLACE - GF	52	45	53	46	1.1	0.7
17 CAROLINE PLACE - GF	52	45	54	46	1.8	1.3
18 CAROLINE PLACE - GF	53	46	53	45	-0.6	-0.9
19 CAROLINE PLACE - GF	55	48	56	49	1.2	0.7
20 CAROLINE PLACE - GF	57	50	58	50	1.2	0.7
12 ALFRED PLACE - GF	57	49	55	47	-1.9	-2.2
14 ALFRED PLACE - GF	57	50	55	47	-2.6	-2.9
16 ALFRED PLACE - GF	57	50	54	47	-2.9	-3.1
18 ALFRED PLACE - GF	57	50	55	47	-1.9	-2.2
18 ALFRED PLACE - F 1	58	50	57	50	-0.3	-0.6
20 ALFRED PLACE - GF	54	46	53	45	-0.7	-0.9
20 ALFRED PLACE - F1	57	50	57	49	-0.7	-0.9

NCA8(B) - Scenario 13

Road Surface:

SMA

Barrier Height, m:

4.2

Location:

Top of cutting/fill

Receiver Address

Predicted Noise Levels, dBA

Relative Increase with Noise Mitigation,
dBA

Design Year (2027)

Design Year (2027)

"No Build"

"Build"

Road Traffic Noise Level
without EDE, dBARoad Traffic Noise Level
with EDE, dBA

Relative Increase in Noise Level due to EDE, dBA

Daytime LAeq(15hour)

Night-time LAeq(9hour)

Daytime LAeq(15hour)

Night-time LAeq(9hour)

Daytime LAeq(15hour)

Night-time LAeq(9hour)

Road Noise Policy Guideline Criteria

74 BARRACKS FLAT DRIVE - GF	43	36	48	40	5.0	4.2
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.5	2.8
1 WEBBER PLACE - GF	41	34	46	39	5.7	5.4
3 WEBBER PLACE - GF	37	30	45	38	8.8	8.2
3 WEBBER PLACE - F 1	42	35	48	40	5.6	5.1
5 WEBBER PLACE - GF	40	33	46	38	6.1	5.4
7 WEBBER PLACE - GF	37	30	46	38	9.2	8.3
7 WEBBER PLACE - F 1	42	35	48	40	6.2	5.4
9 WEBBER PLACE - GF	40	32	47	39	7.8	7.1
9 WEBBER PLACE - F 1	44	37	49	41	5.7	4.8
11 WEBBER PLACE - GF	44	36	47	39	3.5	2.7
12 WEBBER PLACE - GF	46	39	48	40	1.7	1.1
12 WEBBER PLACE - F 1	52	44	52	44	0.3	-0.2
13 WEBBER PLACE - GF	45	37	48	40	3.0	2.2
11 FITZGIBBON PLACE - GF	45	38	45	37	0.5	-0.2
13 FITZGIBBON PLACE - GF	47	40	48	40	1.1	0.5
15 FITZGIBBON PLACE - GF	49	42	50	43	1.0	0.6
16 FITZGIBBON PLACE - GF	50	42	51	43	1.0	0.6
17 FITZGIBBON PLACE - GF	52	45	52	44	-0.4	-0.8
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.1
17 CAROLINE PLACE - GF	52	45	53	46	1.0	0.5
18 CAROLINE PLACE - GF	53	46	52	45	-0.8	-1.0
19 CAROLINE PLACE - GF	55	48	56	48	0.4	0.0
20 CAROLINE PLACE - GF	57	50	58	50	0.6	0.2
12 ALFRED PLACE - GF	57	49	54	47	-2.1	-2.3
14 ALFRED PLACE - GF	57	50	55	47	-2.9	-3.1
16 ALFRED PLACE - GF	57	50	54	47	-3.3	-3.4
18 ALFRED PLACE - GF	57	50	54	46	-2.9	-3.1
18 ALFRED PLACE - F 1	58	50	57	49	-0.7	-1.0
20 ALFRED PLACE - GF	54	46	53	45	-1.1	-1.3
20 ALFRED PLACE - F1	57	50	57	49	-0.9	-1.1

NCA8(B) - Scenario 14

Road Surface: SMA

Barrier Height, m: 2.4

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)			Design Year (2027)		
	"No Build"			"Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	50	42	6.9	6.0
77 BARRACKS FLAT DRIVE - GF	45	38	48	41	3.1	3.2
1 WEBBER PLACE - GF	41	34	47	39	6.3	5.9
3 WEBBER PLACE - GF	37	30	46	39	9.7	9.0
3 WEBBER PLACE - F 1	42	35	49	41	6.5	5.9
5 WEBBER PLACE - GF	40	33	47	39	7.4	6.5
7 WEBBER PLACE - GF	37	30	48	40	10.5	9.7
7 WEBBER PLACE - F 1	42	35	50	42	8.0	7.0
9 WEBBER PLACE - GF	40	32	49	41	9.4	8.6
9 WEBBER PLACE - F 1	44	37	52	44	8.1	7.1
11 WEBBER PLACE - GF	44	36	49	41	5.5	4.6
12 WEBBER PLACE - GF	46	39	50	42	3.7	2.9
12 WEBBER PLACE - F 1	52	44	56	48	4.3	3.5
13 WEBBER PLACE - GF	45	37	50	42	5.7	4.8
11 FITZGIBBON PLACE - GF	45	38	46	38	1.5	0.7
13 FITZGIBBON PLACE - GF	47	40	50	42	3.0	2.2
15 FITZGIBBON PLACE - GF	49	42	53	45	3.2	2.6
16 FITZGIBBON PLACE - GF	50	42	53	45	3.1	2.4
17 FITZGIBBON PLACE - GF	52	45	54	46	1.7	1.1
15 CAROLINE PLACE - GF	52	45	55	47	2.8	2.2
17 CAROLINE PLACE - GF	52	45	56	48	3.6	2.9
18 CAROLINE PLACE - GF	53	46	53	45	-0.4	-0.7
19 CAROLINE PLACE - GF	55	48	58	50	3.1	2.5
20 CAROLINE PLACE - GF	57	50	61	53	3.6	2.9
12 ALFRED PLACE - GF	57	49	54	47	-2.4	-2.6
14 ALFRED PLACE - GF	57	50	55	47	-2.8	-3.1
16 ALFRED PLACE - GF	57	50	55	47	-2.8	-3.0
18 ALFRED PLACE - GF	57	50	56	48	-0.8	-1.1
18 ALFRED PLACE - F 1	58	50	58	51	0.7	0.2
20 ALFRED PLACE - GF	54	46	54	46	-0.1	-0.4
20 ALFRED PLACE - F1	57	50	57	50	-0.1	-0.5

NCA8(B) - Scenario 15

Road Surface: SMA

Barrier Height, m: 3.0

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	50	42	6.4	5.5
77 BARRACKS FLAT DRIVE - GF	45	38	47	41	2.9	3.1
1 WEBBER PLACE - GF	41	34	47	39	6.1	5.7
3 WEBBER PLACE - GF	37	30	46	38	9.4	8.7
3 WEBBER PLACE - F 1	42	35	48	41	6.2	5.6
5 WEBBER PLACE - GF	40	33	47	39	6.9	6.1
7 WEBBER PLACE - GF	37	30	47	39	10.0	9.1
7 WEBBER PLACE - F 1	42	35	49	41	7.3	6.4
9 WEBBER PLACE - GF	40	32	48	40	8.8	8.0
9 WEBBER PLACE - F 1	44	37	51	43	7.1	6.2
11 WEBBER PLACE - GF	44	36	49	41	5.0	4.2
12 WEBBER PLACE - GF	46	39	49	41	3.4	2.6
12 WEBBER PLACE - F 1	52	44	55	47	3.1	2.4
13 WEBBER PLACE - GF	45	37	50	42	5.0	4.2
11 FITZGIBBON PLACE - GF	45	38	46	38	1.3	0.5
13 FITZGIBBON PLACE - GF	47	40	50	42	2.4	1.7
15 FITZGIBBON PLACE - GF	49	42	52	44	2.6	2.0
16 FITZGIBBON PLACE - GF	50	42	52	44	2.2	1.7
17 FITZGIBBON PLACE - GF	52	45	54	46	1.2	0.7
15 CAROLINE PLACE - GF	52	45	54	46	1.8	1.3
17 CAROLINE PLACE - GF	52	45	55	47	2.5	1.9
18 CAROLINE PLACE - GF	53	46	53	45	-0.6	-0.9
19 CAROLINE PLACE - GF	55	48	57	50	2.1	1.6
20 CAROLINE PLACE - GF	57	50	60	52	2.8	2.1
12 ALFRED PLACE - GF	57	49	54	46	-2.8	-3.0
14 ALFRED PLACE - GF	57	50	54	47	-3.3	-3.5
16 ALFRED PLACE - GF	57	50	54	47	-3.4	-3.6
18 ALFRED PLACE - GF	57	50	55	47	-1.8	-2.1
18 ALFRED PLACE - F 1	58	50	58	50	0.0	-0.4
20 ALFRED PLACE - GF	54	46	53	46	-0.4	-0.6
20 ALFRED PLACE - F1	57	50	57	50	-0.4	-0.7

NCA8(B) - Scenario 16

Road Surface: SMA

Barrier Height, m: 3.6

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	6.0	5.1
77 BARRACKS FLAT DRIVE - GF	45	38	47	41	2.8	3.0
1 WEBBER PLACE - GF	41	34	46	39	5.9	5.6
3 WEBBER PLACE - GF	37	30	46	38	9.1	8.4
3 WEBBER PLACE - F 1	42	35	48	40	5.9	5.4
5 WEBBER PLACE - GF	40	33	46	38	6.5	5.8
7 WEBBER PLACE - GF	37	30	47	39	9.5	8.7
7 WEBBER PLACE - F 1	42	35	49	41	6.8	5.9
9 WEBBER PLACE - GF	40	32	48	40	8.2	7.4
9 WEBBER PLACE - F 1	44	37	50	42	6.4	5.4
11 WEBBER PLACE - GF	44	36	48	40	4.5	3.7
12 WEBBER PLACE - GF	46	39	49	41	2.9	2.1
12 WEBBER PLACE - F 1	52	44	54	46	2.0	1.4
13 WEBBER PLACE - GF	45	37	49	41	4.4	3.6
11 FITZGIBBON PLACE - GF	45	38	46	38	1.0	0.3
13 FITZGIBBON PLACE - GF	47	40	49	41	1.9	1.2
15 FITZGIBBON PLACE - GF	49	42	51	43	1.9	1.3
16 FITZGIBBON PLACE - GF	50	42	51	43	1.5	1.0
17 FITZGIBBON PLACE - GF	52	45	53	45	0.5	0.0
15 CAROLINE PLACE - GF	52	45	53	46	1.1	0.7
17 CAROLINE PLACE - GF	52	45	54	46	1.6	1.1
18 CAROLINE PLACE - GF	53	46	52	45	-0.9	-1.2
19 CAROLINE PLACE - GF	55	48	56	49	1.2	0.8
20 CAROLINE PLACE - GF	57	50	59	51	1.8	1.2
12 ALFRED PLACE - GF	57	49	53	46	-3.2	-3.3
14 ALFRED PLACE - GF	57	50	54	46	-3.7	-3.9
16 ALFRED PLACE - GF	57	50	53	46	-3.9	-4.0
18 ALFRED PLACE - GF	57	50	54	46	-3.0	-3.3
18 ALFRED PLACE - F 1	58	50	57	50	-0.5	-0.8
20 ALFRED PLACE - GF	54	46	53	45	-0.8	-1.0
20 ALFRED PLACE - F1	57	50	57	49	-0.7	-0.9

NCA8(B) - Scenario 17

Road Surface: SMA

Barrier Height, m: 4.2

Location: Outside shared path

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.7	2.9
1 WEBBER PLACE - GF	41	34	46	39	5.8	5.5
3 WEBBER PLACE - GF	37	30	45	38	8.9	8.2
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.5
7 WEBBER PLACE - GF	37	30	46	38	9.1	8.3
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.2
17 CAROLINE PLACE - GF	52	45	53	46	0.9	0.5
18 CAROLINE PLACE - GF	53	46	52	45	-1.1	-1.3
19 CAROLINE PLACE - GF	55	48	56	48	0.5	0.2
20 CAROLINE PLACE - GF	57	50	58	50	0.9	0.5
12 ALFRED PLACE - GF	57	49	53	46	-3.5	-3.6
14 ALFRED PLACE - GF	57	50	53	46	-4.0	-4.2
16 ALFRED PLACE - GF	57	50	53	46	-4.3	-4.4
18 ALFRED PLACE - GF	57	50	53	45	-4.1	-4.3
18 ALFRED PLACE - F 1	58	50	56	49	-1.1	-1.4
20 ALFRED PLACE - GF	54	46	53	45	-1.1	-1.3
20 ALFRED PLACE - F1	57	50	57	49	-0.9	-1.1

NCA8(B) - Scenario 18	Road Surface:	SMA	Barrier Height, m:	4.2	Location:	Outside shared path (shorter design)
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.7	2.9
1 WEBBER PLACE - GF	41	34	46	39	5.8	5.5
3 WEBBER PLACE - GF	37	30	45	38	8.9	8.2
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.5
7 WEBBER PLACE - GF	37	30	46	38	9.1	8.3
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.2
17 CAROLINE PLACE - GF	52	45	53	46	0.9	0.5
18 CAROLINE PLACE - GF	53	46	52	45	-0.9	-1.1
19 CAROLINE PLACE - GF	55	48	55.7	48	0.5	0.2
20 CAROLINE PLACE - GF	57	50	58	50	0.9	0.5
12 ALFRED PLACE - GF	57	49	55	47	-1.9	-2.1
14 ALFRED PLACE - GF	57	50	55	47	-2.6	-2.9
16 ALFRED PLACE - GF	57	50	54	47	-3.0	-3.2
18 ALFRED PLACE - GF	57	50	54	46	-2.9	-3.1
18 ALFRED PLACE - F 1	58	50	57	49	-0.6	-0.9
20 ALFRED PLACE - GF	54	46	53	45	-1.1	-1.3
20 ALFRED PLACE - F1	57	50	57	49	-0.8	-1.0

NCA8(B) - Scenario 19

Road Surface: SMA

Barrier Height, m: 4.2 to ch 4500
3.6 ch 4500 to end

Location: Outside shared path
Property boundary
(sewer issue design)

Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027)			Design Year (2027)		
	"No Build"			"Build"		
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.5	2.8
1 WEBBER PLACE - GF	41	34	46	39	5.7	5.4
3 WEBBER PLACE - GF	37	30	45	38	8.8	8.1
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.4
7 WEBBER PLACE - GF	37	30	46	38	9.0	8.2
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.2
17 CAROLINE PLACE - GF	52	45	53	46	1.0	0.6
18 CAROLINE PLACE - GF	53	46	53	45	-0.2	-0.5
19 CAROLINE PLACE - GF	55	48	56	48	0.7	0.3
20 CAROLINE PLACE - GF	57	50	58	51	1.5	0.9
12 ALFRED PLACE - GF	57	49	55	48	-1.2	-1.5
14 ALFRED PLACE - GF	57	50	57	49	-0.7	-1.1
16 ALFRED PLACE - GF	57	50	57	49	-0.8	-1.1
18 ALFRED PLACE - GF	57	50	55	48	-1.8	-2.0
18 ALFRED PLACE - F 1	58	50	58	50	0.5	0.1
20 ALFRED PLACE - GF	54	46	53	45	-1.1	-1.4
20 ALFRED PLACE - F1	57	50	57	49	-0.7	-1.1

NCA8(B) - Scenario 20

Road Surface: SMA

Barrier Height, m: 4.2 to ch 4500
4.2 ch 4500 to end

Location: Outside shared path
Property boundary
(sewer issue design)

Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)		
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.5	2.8
1 WEBBER PLACE - GF	41	34	46	39	5.7	5.4
3 WEBBER PLACE - GF	37	30	45	38	8.8	8.1
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.4
7 WEBBER PLACE - GF	37	30	46	38	9.0	8.2
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.2
17 CAROLINE PLACE - GF	52	45	53	46	1.0	0.6
18 CAROLINE PLACE - GF	53	46	53	45	-0.4	-0.7
19 CAROLINE PLACE - GF	55	48	56	48	0.7	0.3
20 CAROLINE PLACE - GF	57	50	58	51	1.4	0.8
12 ALFRED PLACE - GF	57	49	55	47	-1.7	-2.0
14 ALFRED PLACE - GF	57	50	56	48	-1.6	-2.0
16 ALFRED PLACE - GF	57	50	56	48	-1.7	-2.0
18 ALFRED PLACE - GF	57	50	54	47	-2.6	-2.8
18 ALFRED PLACE - F 1	58	50	57	50	-0.3	-0.7
20 ALFRED PLACE - GF	54	46	52	44	-2.0	-2.3
20 ALFRED PLACE - F1	57	50	56	49	-1.4	-1.7

NCA8(B) - Scenario 21	Road Surface:	SMA	Barrier Height, m:	4.2 to ch 4500 4.2 ch 4420 to end	Location:	Outside shared path Property boundary (sewer issue design)
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.5	2.8
1 WEBBER PLACE - GF	41	34	46	39	5.7	5.4
3 WEBBER PLACE - GF	37	30	45	38	8.8	8.1
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.4
7 WEBBER PLACE - GF	37	30	46	38	9.0	8.2
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	52	45	0.2	-0.2
17 CAROLINE PLACE - GF	52	45	53	45	0.8	0.3
18 CAROLINE PLACE - GF	53	46	53	45	-0.4	-0.7
19 CAROLINE PLACE - GF	55	48	55	47	-0.4	-0.8
20 CAROLINE PLACE - GF	57	50	55	48	-1.5	-1.9
12 ALFRED PLACE - GF	57	49	55	47	-1.7	-2.0
14 ALFRED PLACE - GF	57	50	56	48	-1.6	-2.0
16 ALFRED PLACE - GF	57	50	56	48	-1.7	-2.0
18 ALFRED PLACE - GF	57	50	54	47	-2.6	-2.8
18 ALFRED PLACE - F 1	58	50	57	50	-0.4	-0.7
20 ALFRED PLACE - GF	54	46	52	44	-2.1	-2.4
20 ALFRED PLACE - F1	57	50	56	49	-1.4	-1.7

NCA8(B) - Scenario 22	Road Surface:	SMA	Barrier Height, m:	4.2 to ch 4500 3.6 ch 4500 to end	Location:	Outside shared path Mid-point (sewer issue design)
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.7	2.9
1 WEBBER PLACE - GF	41	34	46	39	5.8	5.5
3 WEBBER PLACE - GF	37	30	45	38	8.9	8.2
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.5
7 WEBBER PLACE - GF	37	30	46	38	9.1	8.3
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.2
17 CAROLINE PLACE - GF	52	45	53	46	1.0	0.6
18 CAROLINE PLACE - GF	53	46	53	46	-0.1	-0.4
19 CAROLINE PLACE - GF	55	48	56	48	0.7	0.3
20 CAROLINE PLACE - GF	57	50	58	51	1.3	0.8
12 ALFRED PLACE - GF	57	49	56	49	-0.3	-0.7
14 ALFRED PLACE - GF	57	50	57	50	-0.2	-0.6
16 ALFRED PLACE - GF	57	50	57	49	-0.4	-0.7
18 ALFRED PLACE - GF	57	50	56	48	-0.8	-1.1
18 ALFRED PLACE - F 1	58	50	58	51	0.8	0.4
20 ALFRED PLACE - GF	54	46	54	46	-0.1	-0.4
20 ALFRED PLACE - F1	57	50	57	50	-0.3	-0.6

NCA8(B) - Scenario 23	Road Surface:	SMA	Barrier Height, m:	4.2 to ch 4500 4.2 ch 4500 to end	Location:	Outside shared path Mid-point (sewer issue design)
Receiver Address	Predicted Noise Levels, dBA				Relative Increase with Noise Mitigation, dBA	
	Design Year (2027) "No Build"		Design Year (2027) "Build"			
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.6	4.8
77 BARRACKS FLAT DRIVE - GF	45	38	47	40	2.7	2.9
1 WEBBER PLACE - GF	41	34	46	39	5.8	5.5
3 WEBBER PLACE - GF	37	30	45	38	8.9	8.2
3 WEBBER PLACE - F 1	42	35	48	40	5.7	5.2
5 WEBBER PLACE - GF	40	33	46	38	6.2	5.5
7 WEBBER PLACE - GF	37	30	46	38	9.1	8.3
7 WEBBER PLACE - F 1	42	35	48	40	6.3	5.5
9 WEBBER PLACE - GF	40	32	47	39	7.7	6.9
9 WEBBER PLACE - F 1	44	37	49	41	5.8	4.9
11 WEBBER PLACE - GF	44	36	48	40	4.0	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.4	1.7
12 WEBBER PLACE - F 1	52	44	53	45	1.2	0.6
13 WEBBER PLACE - GF	45	37	48	40	3.8	3.0
11 FITZGIBBON PLACE - GF	45	38	45	38	0.8	0.0
13 FITZGIBBON PLACE - GF	47	40	49	41	1.4	0.7
15 FITZGIBBON PLACE - GF	49	42	51	43	1.2	0.6
16 FITZGIBBON PLACE - GF	50	42	50	43	0.7	0.2
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.5	0.2
17 CAROLINE PLACE - GF	52	45	53	46	1.0	0.6
18 CAROLINE PLACE - GF	53	46	53	46	-0.1	-0.4
19 CAROLINE PLACE - GF	55	48	56	48	0.7	0.3
20 CAROLINE PLACE - GF	57	50	58	50	1.2	0.6
12 ALFRED PLACE - GF	57	49	56	48	-0.8	-1.2
14 ALFRED PLACE - GF	57	50	56	49	-1.1	-1.5
16 ALFRED PLACE - GF	57	50	56	49	-1.2	-1.5
18 ALFRED PLACE - GF	57	50	56	48	-1.3	-1.6
18 ALFRED PLACE - F 1	58	50	58	50	0.4	0.0
20 ALFRED PLACE - GF	54	46	53	45	-0.6	-0.9
20 ALFRED PLACE - F1	57	50	57	49	-0.6	-1.0

NCA8(B) - Scenario 24

Road Surface: SMA

Barrier Height, m: 4.2

Location:

Outside shared path
(location closer to road
due to sewer)
(sewer issue design)

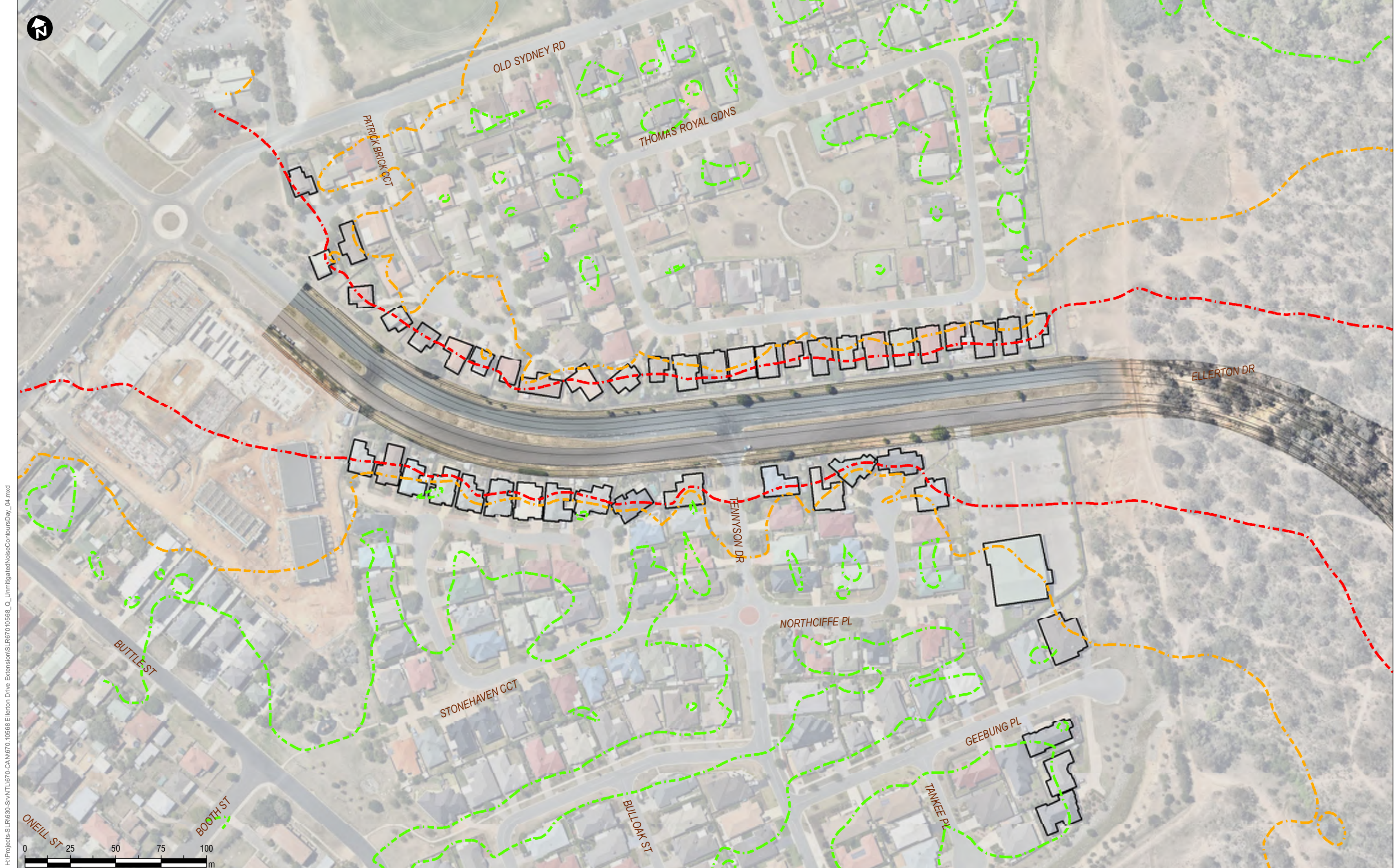
Receiver Address	Predicted Noise Levels, dBA					
	Design Year (2027) "No Build"		Design Year (2027) "Build"		Relative Increase with Noise Mitigation, dBA	
	Road Traffic Noise Level without EDE, dBA		Road Traffic Noise Level with EDE, dBA		Relative Increase in Noise Level due to EDE, dBA	
	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)	Daytime LAeq(15hour)	Night-time LAeq(9hour)
Road Noise Policy Guideline Criteria			55	50	12	12
74 BARRACKS FLAT DRIVE - GF	43	36	49	41	5.9	5.0
77 BARRACKS FLAT DRIVE - GF	45	38	47	41	2.7	3.0
1 WEBBER PLACE - GF	41	34	46	39	5.9	5.6
3 WEBBER PLACE - GF	37	30	46	38	9.1	8.4
3 WEBBER PLACE - F 1	42	35	48	40	5.8	5.4
5 WEBBER PLACE - GF	40	33	46	38	6.5	5.7
7 WEBBER PLACE - GF	37	30	46	38	9.4	8.6
7 WEBBER PLACE - F 1	42	35	49	41	6.6	5.8
9 WEBBER PLACE - GF	40	32	48	40	8.0	7.3
9 WEBBER PLACE - F 1	44	37	50	42	6.1	5.2
11 WEBBER PLACE - GF	44	36	47	40	3.9	3.2
12 WEBBER PLACE - GF	46	39	48	40	2.1	1.5
12 WEBBER PLACE - F 1	52	44	53	45	0.9	0.3
13 WEBBER PLACE - GF	45	37	48	40	3.5	2.8
11 FITZGIBBON PLACE - GF	45	38	45	37	0.7	-0.1
13 FITZGIBBON PLACE - GF	47	40	48	41	1.3	0.6
15 FITZGIBBON PLACE - GF	49	42	51	43	1.1	0.7
16 FITZGIBBON PLACE - GF	50	42	51	43	1.0	0.5
17 FITZGIBBON PLACE - GF	52	45	52	45	-0.1	-0.5
15 CAROLINE PLACE - GF	52	45	53	45	0.6	0.2
17 CAROLINE PLACE - GF	52	45	53	46	1.0	0.6
18 CAROLINE PLACE - GF	53	46	52	45	-0.7	-0.9
19 CAROLINE PLACE - GF	55	48	56	48	0.5	0.1
20 CAROLINE PLACE - GF	57	50	58	50	0.6	0.2
12 ALFRED PLACE - GF	57	49	55	48	-1.5	-1.8
14 ALFRED PLACE - GF	57	50	55	48	-2.3	-2.5
16 ALFRED PLACE - GF	57	50	55	47	-2.5	-2.7
18 ALFRED PLACE - GF	57	50	54	47	-2.4	-2.6
18 ALFRED PLACE - F 1	58	50	57	50	-0.5	-0.8
20 ALFRED PLACE - GF	54	46	52	45	-1.2	-1.4
20 ALFRED PLACE - F1	57	50	56	49	-1.2	-1.4

Appendix Q

Report Number 670.10568-R1

Page 1 of 7

ROAD TRAFFIC NOISE CONTOURS (DESIGN YEAR, NO MITIGATION, DAY)



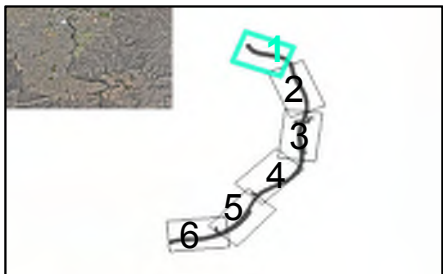
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Project No.:	670.10568
Date:	19/04/2016
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Scale:	1:2,000
Sheet Size:	A3
Projection:	GDA 1994 MGA Zone 55



Noise Contours - $L_{Aeq}(15\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

- Proposed EDE Design
- Assessed Buildings

NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(15\text{hour})$ Noise Contours
with No Mitigation

FIGURE Q - 1



H:\Projects\SLR630-SrvNTL670-CAN670_10568 Ellerton Drive Extension\SLR670 10568_Q_UnmitigatedNoiseContoursDay_04.mxd



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Sheet Size:	A3
Projection:	GDA 1994 MGA Zone 55



Noise Contours - $L_{Aeq}(15\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

Proposed EDE Design

Assessed Buildings

NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(15\text{hour})$ Noise Contours with No Mitigation

FIGURE Q - 2



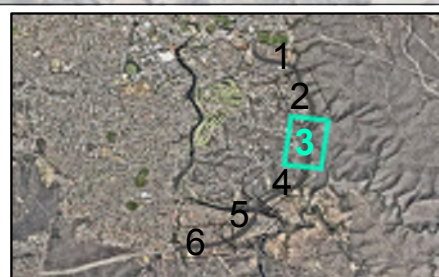
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Sheet Size:	A3
Projection:	GDA 1994 MGA Zone 55



Noise Contours - $L_{Aeq}(15\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

- Proposed EDE Design
- Assessed Buildings

NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(15\text{hour})$ Noise Contours with No Mitigation

FIGURE Q - 3



H:\Projects\SLR630-SrvNTL670-CAN670-10566 Ellerton Drive Extension\SLR670 10566_Q_UnmitigatedNoiseContoursDay_04.mxd



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Noise Contours - $L_{Aeq}(15\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

- Proposed EDE Design
- Assessed Buildings

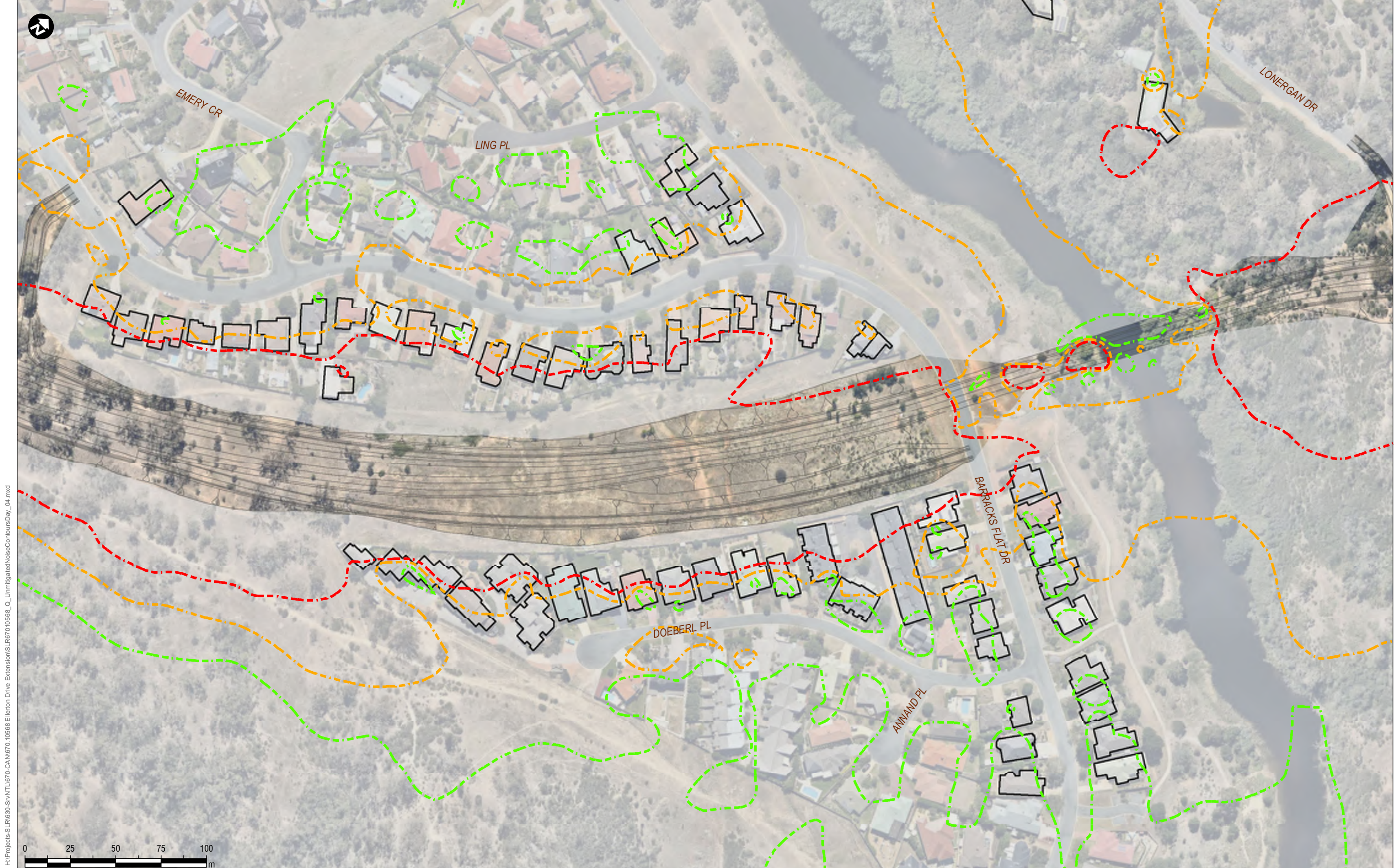
NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(15\text{hour})$ Noise Contours
with No Mitigation

FIGURE Q - 4



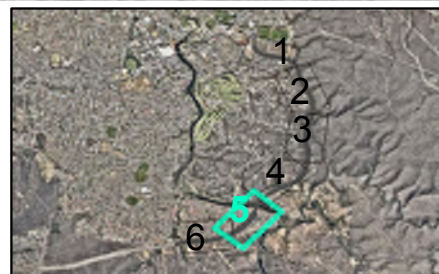
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Noise Contours - $L_{Aeq}(15\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

- Proposed EDE Design
- Assessed Buildings

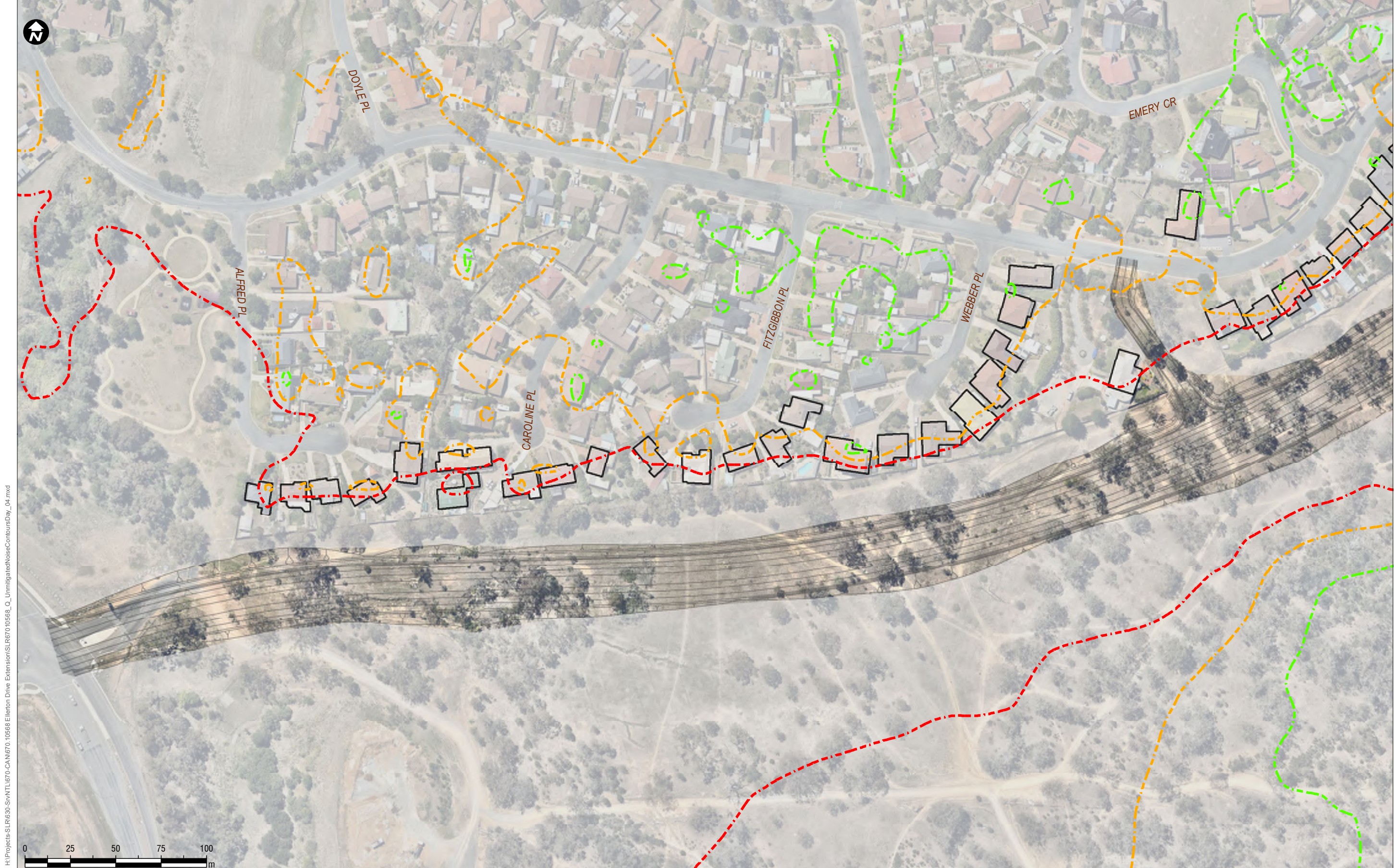
NOTE:
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Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(15\text{hour})$ Noise Contours
with No Mitigation

FIGURE Q - 5



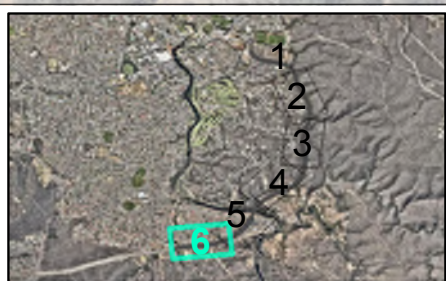
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Noise Contours - $L_{Aeq}(15\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

- Proposed EDE Design
- Assessed Buildings

NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(15\text{hour})$ Noise Contours
with No Mitigation

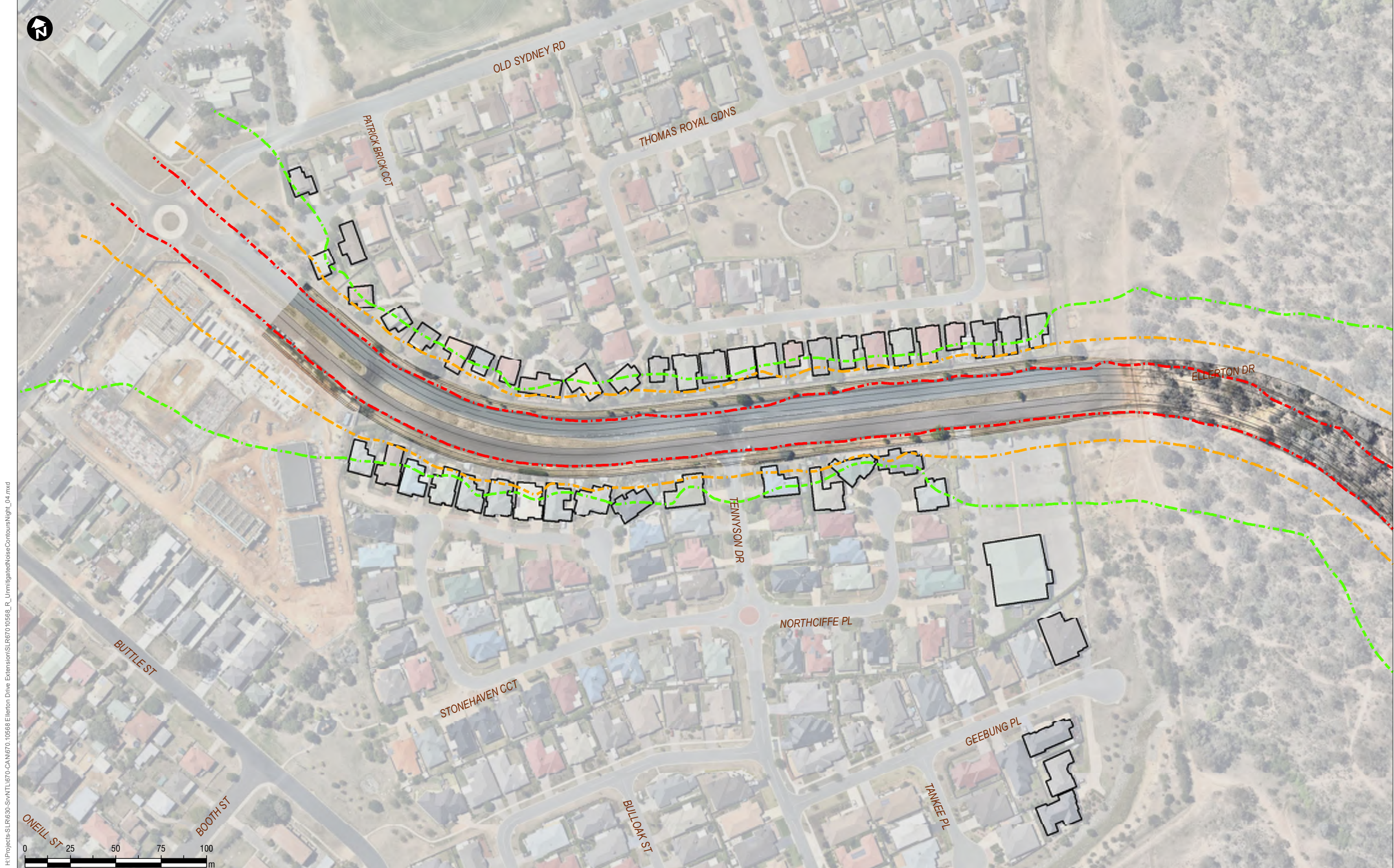
FIGURE Q - 6

Appendix R

Report Number 670.10568-R1

Page 1 of 7

ROAD TRAFFIC NOISE CONTOURS (DESIGN YEAR, NO MITIGATION, NIGHT)



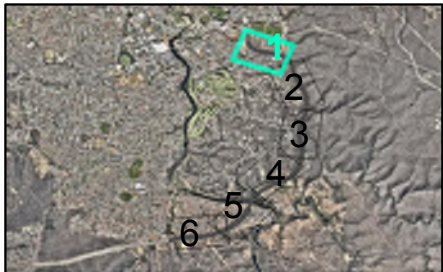
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Noise Contours - $L_{Aeq}(9\text{hour})$ No Mitigation

- 45 dBA
- 50 dBA
- 55 dBA

- Proposed Design
- Assessed Buildings

NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(9\text{hour})$ Noise Contours
with No Mitigation

FIGURE R - 1



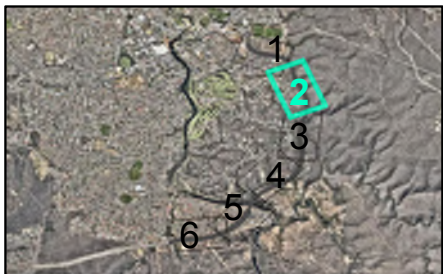
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- Noise Contours - $L_{Aeq}(9hour)$ No Mitigation
- 45 dBA
 - 50 dBA
 - 55 dBA

- Proposed Design
- Assessed Buildings

NOTE:
Contours are representative of the noise level at ground floor height only. Refer to facade point calculation tables for specific noise levels at prediction locations.
Predicted noise levels include a +2.5 dBA facade reflection correction.

Queanbeyan City Council

ELLERTON DRIVE EXTENSION

$L_{Aeq}(9hour)$ Noise Contours
with No Mitigation

FIGURE R - 2