

Appendix 4.11A

**Predicted Road Traffic Noise Level at TKO137 Area
(Unmitigated and Mitigated By LNRS Only)**

Appendix 4.11A Predicted Road Traffic Noise Level at TKO137 Area (Unmitigated and Mitigated By LNRS Only)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU1-R-T01_01	1	Residential	70	59	36	59	-	59	36	59	-	-	No	-
	2	Residential	70	59	37	59	-	59	37	59	-	-	No	-
	3	Residential	70	59	38	59	-	59	38	59	-	-	No	-
	4	Residential	70	59	40	59	-	59	40	59	-	-	No	-
	5	Residential	70	59	41	59	-	59	41	59	-	-	No	-
	6	Residential	70	59	43	59	-	59	43	59	-	-	No	-
	7	Residential	70	59	45	59	-	59	45	59	-	-	No	-
	8	Residential	70	59	47	60	-	59	47	59	-	-	No	-
	9	Residential	70	59	50	60	-	59	50	59	-	-	No	-
	10	Residential	70	59	54	60	-	59	54	60	-	-	No	-
	11	Residential	70	59	57	61	-	59	57	61	-	-	No	-
	12	Residential	70	60	58	62	-	59	58	62	-	-	No	-
	13	Residential	70	60	58	62	-	59	58	62	-	-	No	-
	14	Residential	70	60	59	62	-	60	59	62	-	-	No	-
	15	Residential	70	60	59	63	-	60	59	62	-	-	No	-
	16	Residential	70	61	59	63	-	60	59	63	-	-	No	-
	17	Residential	70	61	59	63	-	60	59	63	-	-	No	-
	18	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	19	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	20	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	21	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	22	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	23	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	24	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	25	Residential	70	61	59	63	-	61	59	63	-	-	No	-
	26	Residential	70	62	59	63	-	61	59	63	-	-	No	-
	27	Residential	70	62	59	63	-	61	59	63	-	-	No	-
	28	Residential	70	62	59	63	-	61	59	63	-	-	No	-
	29	Residential	70	62	59	63	-	61	59	63	-	-	No	-
	30	Residential	70	62	59	63	-	61	59	63	-	-	No	-
	31	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	32	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	33	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	34	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	35	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	36	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	37	Residential	70	62	58	63	-	61	58	63	-	-	No	-
	38	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	39	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	40	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	41	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	42	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	43	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	44	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	45	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	46	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	47	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	48	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	49	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	50	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	51	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	52	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	53	Residential	70	61	58	63	-	61	58	63	-	-	No	-
	54	Residential	70	61	57	63	-	61	57	63	-	-	No	-
	55	Residential	70	61	57	63	-	61	57	63	-	-	No	-
	56	Residential	70	61	57	63	-	61	57	63	-	-	No	-
	57	Residential	70	61	57	63	-	61	57	63	-	-	No	-
	58	Residential	70	61	57	63	-	61	57	63	-	-	No	-
	59	Residential	70	61	57	63	-	61	57	63	-	-	No	-
	60	Residential	70	61	57	63	-	61	57	62	-	-	No	-
	61	Residential	70	61	57	63	-	61	57	62	-	-	No	-
P-PU1-R-T02_01	1	Residential	70	66	29	66	-	64	29	64	-	-	No	-
	2	Residential	70	66	30	66	-	64	30	64	-	-	No	-
	3	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	4	Residential	70	66	35	66	-	64	35	64	-	-	No	-
	5	Residential	70	66	36	66	-	64	36	64	-	-	No	-
	6	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	7	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	8	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	9	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	10	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	11	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	12	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	13	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	14	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	15	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	16	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	17	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	18	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	19	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	20	Residential	70	65	37	65	-	63	37	63	-	-	No	-
	21	Residential	70	65	37	65	-	63	37	63	-	-	No	-
	22	Residential	70	65	37	65	-	63	37	63	-	-	No	-
	23	Residential	70	65	37	65	-	63	37	63	-	-	No	-
	24	Residential	70	64	37	64	-	63	37	63	-	-	No	-
	25	Residential	70	64	37	64	-	63	37	63	-	-	No	-
	26	Residential	70	64	37	64	-	63	37	63	-	-	No	-
	27	Residential	70	64	37	64	-	63	37	63	-	-	No	-
	28	Residential	70	64	37	64	-	63	37	63	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU1-R-T02_01	29	Residential	70	64	37	64	-	63	37	63	-	-	No	-
	30	Residential	70	64	38	64	-	63	38	63	-	-	No	-
	31	Residential	70	64	38	64	-	63	38	63	-	-	No	-
	32	Residential	70	64	39	64	-	63	39	63	-	-	No	-
	33	Residential	70	64	40	64	-	63	40	63	-	-	No	-
	34	Residential	70	64	42	64	-	62	42	63	-	-	No	-
	35	Residential	70	64	43	64	-	62	43	63	-	-	No	-
	36	Residential	70	64	45	64	-	62	45	62	-	-	No	-
	37	Residential	70	64	46	64	-	62	46	62	-	-	No	-
	38	Residential	70	64	46	64	-	62	46	62	-	-	No	-
	39	Residential	70	63	47	64	-	62	47	62	-	-	No	-
	40	Residential	70	63	48	64	-	62	48	62	-	-	No	-
	41	Residential	70	63	49	64	-	62	49	62	-	-	No	-
	42	Residential	70	63	50	64	-	62	50	62	-	-	No	-
	43	Residential	70	63	51	64	-	62	51	63	-	-	No	-
	44	Residential	70	63	52	64	-	62	52	63	-	-	No	-
	45	Residential	70	63	52	64	-	62	52	63	-	-	No	-
	46	Residential	70	63	53	64	-	62	53	63	-	-	No	-
	47	Residential	70	63	54	64	-	62	54	63	-	-	No	-
	48	Residential	70	63	54	64	-	62	54	63	-	-	No	-
	49	Residential	70	63	54	64	-	62	54	63	-	-	No	-
	50	Residential	70	63	54	64	-	62	54	63	-	-	No	-
	51	Residential	70	63	54	64	-	63	54	63	-	-	No	-
	52	Residential	70	64	54	64	-	63	54	63	-	-	No	-
	53	Residential	70	64	54	64	-	63	54	63	-	-	No	-
	54	Residential	70	64	54	64	-	63	54	63	-	-	No	-
	55	Residential	70	64	54	64	-	63	54	63	-	-	No	-
	56	Residential	70	64	54	64	-	63	54	63	-	-	No	-
P-PU1-R-T02_02	1	Residential	70	68	26	68	-	66	26	66	-	-	No	-
	2	Residential	70	68	26	68	-	66	26	66	-	-	No	-
	3	Residential	70	68	26	68	-	66	26	66	-	-	No	-
	4	Residential	70	68	27	68	-	66	27	66	-	-	No	-
	5	Residential	70	68	29	68	-	66	29	66	-	-	No	-
	6	Residential	70	68	30	68	-	66	30	66	-	-	No	-
	7	Residential	70	68	30	68	-	66	30	66	-	-	No	-
	8	Residential	70	68	30	68	-	66	30	66	-	-	No	-
	9	Residential	70	67	30	67	-	66	30	66	-	-	No	-
	10	Residential	70	67	30	67	-	66	30	66	-	-	No	-
	11	Residential	70	67	30	67	-	66	30	66	-	-	No	-
	12	Residential	70	67	30	67	-	66	30	66	-	-	No	-
	13	Residential	70	67	30	67	-	65	30	65	-	-	No	-
	14	Residential	70	67	31	67	-	65	31	65	-	-	No	-
	15	Residential	70	67	31	67	-	65	31	65	-	-	No	-
	16	Residential	70	67	31	67	-	65	31	65	-	-	No	-
	17	Residential	70	67	31	67	-	65	31	65	-	-	No	-
	18	Residential	70	66	31	66	-	65	31	65	-	-	No	-
	19	Residential	70	66	31	66	-	65	31	65	-	-	No	-
	20	Residential	70	66	31	66	-	65	31	65	-	-	No	-
	21	Residential	70	66	32	66	-	65	32	65	-	-	No	-
	22	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	23	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	24	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	25	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	26	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	27	Residential	70	66	32	66	-	64	32	64	-	-	No	-
	28	Residential	70	65	33	65	-	64	33	64	-	-	No	-
	29	Residential	70	65	33	65	-	64	33	64	-	-	No	-
	30	Residential	70	65	34	65	-	64	34	64	-	-	No	-
	31	Residential	70	65	35	65	-	64	35	64	-	-	No	-
	32	Residential	70	65	36	65	-	64	36	64	-	-	No	-
	33	Residential	70	65	37	65	-	64	37	64	-	-	No	-
	34	Residential	70	65	39	65	-	63	39	63	-	-	No	-
	35	Residential	70	65	41	65	-	63	41	63	-	-	No	-
	36	Residential	70	65	43	65	-	63	43	63	-	-	No	-
	37	Residential	70	65	45	65	-	63	45	63	-	-	No	-
	38	Residential	70	65	46	65	-	63	46	63	-	-	No	-
	39	Residential	70	65	47	65	-	63	47	63	-	-	No	-
	40	Residential	70	65	48	65	-	63	48	63	-	-	No	-
	41	Residential	70	64	48	65	-	63	48	63	-	-	No	-
	42	Residential	70	64	48	64	-	63	48	63	-	-	No	-
	43	Residential	70	64	48	64	-	63	48	63	-	-	No	-
	44	Residential	70	64	48	64	-	63	48	63	-	-	No	-
	45	Residential	70	64	49	64	-	63	49	63	-	-	No	-
	46	Residential	70	64	49	64	-	63	49	63	-	-	No	-
	47	Residential	70	64	49	64	-	63	49	63	-	-	No	-
	48	Residential	70	64	49	64	-	63	49	63	-	-	No	-
	49	Residential	70	64	50	64	-	63	50	63	-	-	No	-
	50	Residential	70	64	50	64	-	63	50	63	-	-	No	-
	51	Residential	70	64	51	64	-	63	51	63	-	-	No	-
	52	Residential	70	64	51	64	-	63	51	63	-	-	No	-
	53	Residential	70	64	51	64	-	63	51	63	-	-	No	-
	54	Residential	70	64	51	65	-	63	51	63	-	-	No	-
	55	Residential	70	64	51	65	-	63	51	63	-	-	No	-
	56	Residential	70	64	51	65	-	63	51	63	-	-	No	-
P-PU1-R-T02_03	1	Residential	70	69	27	69	-	68	27	68	-	-	No	-
	2	Residential	70	69	26	69	-	68	26	68	-	-	No	-
	3	Residential	70	70	26	70	-	69	26	69	-	-	No	-
	4	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-
	5	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-
	6	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-
	7	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-
	8	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU1-R-T02_03	9	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-	
	10	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-	
	11	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-	
	12	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-	
	13	Residential	70	71	26	71	45	69	26	69	-	Yes	No	-	
	14	Residential	70	70	25	70	-	69	25	69	-	-	No	-	
	15	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	16	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	17	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	18	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	19	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	20	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	21	Residential	70	70	25	70	-	68	25	68	-	-	No	-	
	22	Residential	70	69	25	69	-	68	25	68	-	-	No	-	
	23	Residential	70	69	25	69	-	67	25	67	-	-	No	-	
	24	Residential	70	69	25	69	-	67	25	67	-	-	No	-	
	25	Residential	70	69	25	69	-	67	25	67	-	-	No	-	
	26	Residential	70	69	25	69	-	67	25	67	-	-	No	-	
	27	Residential	70	69	27	69	-	67	27	67	-	-	No	-	
	28	Residential	70	69	28	69	-	67	28	67	-	-	No	-	
	29	Residential	70	69	30	69	-	67	30	67	-	-	No	-	
	30	Residential	70	69	32	69	-	67	32	67	-	-	No	-	
	31	Residential	70	69	35	69	-	67	35	67	-	-	No	-	
	32	Residential	70	68	37	68	-	67	37	67	-	-	No	-	
	33	Residential	70	68	41	68	-	66	41	66	-	-	No	-	
	34	Residential	70	68	43	68	-	66	43	66	-	-	No	-	
	35	Residential	70	68	44	68	-	66	44	66	-	-	No	-	
	36	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	37	Residential	70	68	47	68	-	66	47	66	-	-	No	-	
	38	Residential	70	68	49	68	-	66	49	66	-	-	No	-	
	39	Residential	70	68	50	68	-	66	50	66	-	-	No	-	
	40	Residential	70	68	50	68	-	66	50	66	-	-	No	-	
	41	Residential	70	68	51	68	-	66	51	66	-	-	No	-	
	42	Residential	70	68	51	68	-	66	51	66	-	-	No	-	
	43	Residential	70	68	51	68	-	66	51	66	-	-	No	-	
	44	Residential	70	68	51	68	-	66	51	66	-	-	No	-	
	45	Residential	70	68	51	68	-	66	51	66	-	-	No	-	
	46	Residential	70	67	51	68	-	66	51	66	-	-	No	-	
	47	Residential	70	67	51	68	-	66	51	66	-	-	No	-	
	48	Residential	70	67	51	67	-	66	51	66	-	-	No	-	
	49	Residential	70	67	51	67	-	66	51	66	-	-	No	-	
	50	Residential	70	67	51	67	-	66	51	66	-	-	No	-	
	51	Residential	70	67	51	67	-	66	51	66	-	-	No	-	
	52	Residential	70	67	52	67	-	66	52	66	-	-	No	-	
	53	Residential	70	67	52	67	-	66	52	66	-	-	No	-	
	54	Residential	70	67	52	67	-	65	52	66	-	-	No	-	
	55	Residential	70	67	52	67	-	65	52	66	-	-	No	-	
	56	Residential	70	67	52	67	-	65	52	66	-	-	No	-	
	P-PU1-R-T02_04	1	Residential	70	58	0	58	-	56	0	56	-	-	No	-
		2	Residential	70	61	0	61	-	58	0	58	-	-	No	-
		3	Residential	70	64	0	64	-	61	0	61	-	-	No	-
		4	Residential	70	66	0	66	-	64	0	64	-	-	No	-
		5	Residential	70	68	0	68	-	66	0	66	-	-	No	-
		6	Residential	70	69	0	69	-	67	0	67	-	-	No	-
		7	Residential	70	69	0	69	-	67	0	67	-	-	No	-
		8	Residential	70	70	0	70	-	67	0	67	-	-	No	-
9		Residential	70	69	0	69	-	67	0	67	-	-	No	-	
10		Residential	70	69	0	69	-	67	0	67	-	-	No	-	
11		Residential	70	69	0	69	-	67	0	67	-	-	No	-	
12		Residential	70	69	0	69	-	67	0	67	-	-	No	-	
13		Residential	70	69	0	69	-	67	0	67	-	-	No	-	
14		Residential	70	69	0	69	-	67	0	67	-	-	No	-	
15		Residential	70	69	0	69	-	66	0	66	-	-	No	-	
16		Residential	70	69	0	69	-	66	0	66	-	-	No	-	
17		Residential	70	69	0	69	-	66	0	66	-	-	No	-	
18		Residential	70	69	0	69	-	66	0	66	-	-	No	-	
19		Residential	70	68	0	68	-	66	0	66	-	-	No	-	
20		Residential	70	68	0	68	-	66	0	66	-	-	No	-	
21		Residential	70	68	0	68	-	66	0	66	-	-	No	-	
22		Residential	70	68	0	68	-	66	0	66	-	-	No	-	
23		Residential	70	68	0	68	-	66	0	66	-	-	No	-	
24		Residential	70	68	0	68	-	66	0	66	-	-	No	-	
25		Residential	70	68	0	68	-	65	0	65	-	-	No	-	
26		Residential	70	68	0	68	-	65	0	65	-	-	No	-	
27		Residential	70	68	0	68	-	65	0	65	-	-	No	-	
28		Residential	70	68	0	68	-	65	0	65	-	-	No	-	
29		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
30		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
31		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
32		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
33		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
34		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
35		Residential	70	67	0	67	-	64	0	64	-	-	No	-	
36		Residential	70	67	0	67	-	64	0	64	-	-	No	-	
37		Residential	70	67	0	67	-	64	0	64	-	-	No	-	
38		Residential	70	67	0	67	-	64	0	64	-	-	No	-	
39		Residential	70	67	0	67	-	64	0	64	-	-	No	-	
40		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
41		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
42		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
43		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
44		Residential	70	66	0	66	-	64	0	64	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU1-R-T02_04	45	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	46	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	47	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	48	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	49	Residential	70	66	0	66	-	63	0	63	-	-	No	-
	50	Residential	70	66	0	66	-	63	0	63	-	-	No	-
	51	Residential	70	66	0	66	-	63	0	63	-	-	No	-
	52	Residential	70	66	0	66	-	63	0	63	-	-	No	-
	53	Residential	70	66	0	66	-	63	0	63	-	-	No	-
	54	Residential	70	65	0	65	-	63	0	63	-	-	No	-
55	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
56	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
P-PU1-R-T02_05	1	Residential	70	59	0	59	-	57	0	57	-	-	No	-
	2	Residential	70	61	0	61	-	60	0	60	-	-	No	-
	3	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	4	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	5	Residential	70	67	0	67	-	65	0	65	-	-	No	-
	6	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	7	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	8	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	9	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	10	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	11	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	12	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	13	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	14	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	15	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	16	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	17	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	18	Residential	70	70	0	70	-	67	0	67	-	-	No	-
	19	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	20	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	21	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	22	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	23	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	24	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	25	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	26	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	27	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	28	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	29	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	30	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	31	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	32	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	33	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	34	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	35	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	36	Residential	70	68	0	68	-	66	0	66	-	-	No	-
37	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
38	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
39	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
40	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
41	Residential	70	68	0	68	-	65	0	65	-	-	No	-	
42	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
43	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
44	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
45	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
46	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
47	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
48	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
49	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
50	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
51	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
52	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
53	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
54	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
55	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
56	Residential	70	67	0	67	-	64	0	64	-	-	No	-	
P-PU1-R-T03_01	1	Residential	70	46	19	46	-	44	19	44	-	-	No	-
	2	Residential	70	49	19	49	-	47	19	47	-	-	No	-
	3	Residential	70	51	19	51	-	49	19	49	-	-	No	-
	4	Residential	70	52	19	52	-	51	19	51	-	-	No	-
	5	Residential	70	54	19	54	-	52	19	52	-	-	No	-
	6	Residential	70	55	19	55	-	54	19	54	-	-	No	-
	7	Residential	70	57	19	57	-	55	19	55	-	-	No	-
	8	Residential	70	59	19	59	-	58	19	58	-	-	No	-
	9	Residential	70	61	19	61	-	60	19	60	-	-	No	-
	10	Residential	70	63	19	63	-	61	19	61	-	-	No	-
	11	Residential	70	65	19	65	-	63	19	63	-	-	No	-
	12	Residential	70	66	19	66	-	64	19	64	-	-	No	-
	13	Residential	70	67	19	67	-	65	19	65	-	-	No	-
	14	Residential	70	68	19	68	-	66	19	66	-	-	No	-
	15	Residential	70	68	19	68	-	66	19	66	-	-	No	-
	16	Residential	70	68	18	68	-	67	18	67	-	-	No	-
	17	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	18	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	19	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	20	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	21	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	22	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	23	Residential	70	69	18	69	-	67	18	67	-	-	No	-
	24	Residential	70	69	18	69	-	67	18	67	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU1-R-T03_01	25	Residential	70	69	18	69	-	67	18	67	-	-	No	-	
	26	Residential	70	69	18	69	-	67	18	67	-	-	No	-	
	27	Residential	70	69	18	69	-	67	18	67	-	-	No	-	
	28	Residential	70	68	18	68	-	66	18	66	-	-	No	-	
	29	Residential	70	68	18	68	-	66	18	66	-	-	No	-	
	30	Residential	70	68	18	68	-	66	18	66	-	-	No	-	
	31	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	32	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	33	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	34	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	35	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	36	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	37	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	38	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	39	Residential	70	68	17	68	-	66	17	66	-	-	No	-	
	40	Residential	70	67	17	67	-	66	17	66	-	-	No	-	
	41	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	42	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	43	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	44	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	45	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	46	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	47	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	48	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	49	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	50	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	51	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	52	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	53	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	54	Residential	70	67	17	67	-	65	17	65	-	-	No	-	
	55	Residential	70	66	16	66	-	65	16	65	-	-	No	-	
	56	Residential	70	66	16	66	-	64	16	64	-	-	No	-	
	57	Residential	70	66	16	66	-	64	16	64	-	-	No	-	
	58	Residential	70	66	16	66	-	64	16	64	-	-	No	-	
	59	Residential	70	66	16	66	-	64	16	64	-	-	No	-	
	60	Residential	70	66	16	66	-	64	16	64	-	-	No	-	
	61	Residential	70	66	16	66	-	64	16	64	-	-	No	-	
	P-PU1-R-T04_01	1	Residential	70	60	45	60	-	58	45	58	-	-	No	-
		2	Residential	70	64	47	64	-	62	47	62	-	-	No	-
		3	Residential	70	67	48	67	-	64	48	64	-	-	No	-
		4	Residential	70	68	48	68	-	65	48	65	-	-	No	-
		5	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		6	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		7	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		8	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		9	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		10	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		11	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		12	Residential	70	68	48	68	-	66	48	66	-	-	No	-
		13	Residential	70	68	48	68	-	65	48	65	-	-	No	-
		14	Residential	70	68	48	68	-	65	48	65	-	-	No	-
		15	Residential	70	67	47	68	-	65	47	65	-	-	No	-
		16	Residential	70	67	47	67	-	65	47	65	-	-	No	-
		17	Residential	70	67	47	67	-	65	47	65	-	-	No	-
		18	Residential	70	67	47	67	-	65	47	65	-	-	No	-
		19	Residential	70	67	47	67	-	65	47	65	-	-	No	-
		20	Residential	70	67	47	67	-	65	47	65	-	-	No	-
		21	Residential	70	67	47	67	-	65	47	65	-	-	No	-
		22	Residential	70	67	47	67	-	64	47	64	-	-	No	-
		23	Residential	70	67	47	67	-	64	47	64	-	-	No	-
		24	Residential	70	67	47	67	-	64	47	64	-	-	No	-
25		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
26		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
27		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
28		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
29		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
30		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
31		Residential	70	66	47	66	-	64	47	64	-	-	No	-	
32		Residential	70	66	47	66	-	63	47	64	-	-	No	-	
33		Residential	70	66	47	66	-	63	47	63	-	-	No	-	
34		Residential	70	66	47	66	-	63	47	63	-	-	No	-	
35		Residential	70	65	47	66	-	63	47	63	-	-	No	-	
36		Residential	70	65	47	65	-	63	47	63	-	-	No	-	
37		Residential	70	65	47	65	-	63	47	63	-	-	No	-	
38		Residential	70	65	47	65	-	63	47	63	-	-	No	-	
39		Residential	70	65	46	65	-	63	46	63	-	-	No	-	
40		Residential	70	65	46	65	-	63	46	63	-	-	No	-	
41		Residential	70	65	46	65	-	63	46	63	-	-	No	-	
42		Residential	70	65	46	65	-	63	46	63	-	-	No	-	
43		Residential	70	65	46	65	-	63	46	63	-	-	No	-	
44		Residential	70	65	46	65	-	62	46	63	-	-	No	-	
45		Residential	70	65	46	65	-	62	46	62	-	-	No	-	
46		Residential	70	65	46	65	-	62	46	62	-	-	No	-	
47		Residential	70	65	46	65	-	62	46	62	-	-	No	-	
48		Residential	70	64	46	65	-	62	46	62	-	-	No	-	
49		Residential	70	64	46	64	-	62	46	62	-	-	No	-	
50		Residential	70	64	46	64	-	62	46	62	-	-	No	-	
51		Residential	70	64	46	64	-	62	46	62	-	-	No	-	
52		Residential	70	64	46	64	-	62	46	62	-	-	No	-	
53		Residential	70	64	46	64	-	62	46	62	-	-	No	-	
54		Residential	70	64	46	64	-	62	46	62	-	-	No	-	
55		Residential	70	64	46	64	-	62	46	62	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU1-R-T04_01 P-PU1-R-T04_02	56	Residential	70	64	46	64	-	62	46	62	-	-	No	-
	1	Residential	70	72	49	72	23	70	49	70	-	Yes	No	-
	2	Residential	70	72	50	72	22	71	50	71	21	Yes	Yes	AW [5]
	3	Residential	70	72	50	72	22	71	50	71	21	Yes	Yes	AW [5]
	4	Residential	70	72	50	72	22	71	50	71	20	Yes	Yes	AW [5]
	5	Residential	70	72	50	72	22	71	50	71	20	Yes	Yes	AW [5]
	6	Residential	70	72	50	72	22	71	50	71	20	Yes	Yes	AW [5]
	7	Residential	70	72	50	72	22	70	50	70	-	Yes	No	-
	8	Residential	70	72	50	72	22	70	50	70	-	Yes	No	-
	9	Residential	70	72	50	72	22	70	50	70	-	Yes	No	-
	10	Residential	70	72	50	72	21	70	50	70	-	Yes	No	-
	11	Residential	70	72	50	72	21	70	50	70	-	Yes	No	-
	12	Residential	70	71	50	71	21	70	50	70	-	Yes	No	-
	13	Residential	70	71	50	71	21	70	50	70	-	Yes	No	-
	14	Residential	70	71	50	71	21	70	50	70	-	Yes	No	-
	15	Residential	70	71	50	71	21	69	50	70	-	Yes	No	-
	16	Residential	70	71	50	71	21	69	50	69	-	Yes	No	-
	17	Residential	70	71	50	71	21	69	50	69	-	Yes	No	-
	18	Residential	70	71	50	71	21	69	50	69	-	Yes	No	-
	19	Residential	70	70	50	71	21	69	50	69	-	Yes	No	-
	20	Residential	70	70	50	70	-	69	50	69	-	-	No	-
	21	Residential	70	70	50	70	-	69	50	69	-	-	No	-
	22	Residential	70	70	50	70	-	69	50	69	-	-	No	-
	23	Residential	70	70	50	70	-	68	50	68	-	-	No	-
	24	Residential	70	70	50	70	-	68	50	68	-	-	No	-
	25	Residential	70	70	50	70	-	68	50	68	-	-	No	-
	26	Residential	70	70	50	70	-	68	50	68	-	-	No	-
	27	Residential	70	70	50	70	-	68	50	68	-	-	No	-
	28	Residential	70	69	50	69	-	68	50	68	-	-	No	-
	29	Residential	70	69	50	69	-	68	50	68	-	-	No	-
	30	Residential	70	69	50	69	-	68	50	68	-	-	No	-
	31	Residential	70	69	50	69	-	68	50	68	-	-	No	-
	32	Residential	70	69	49	69	-	67	49	68	-	-	No	-
	33	Residential	70	69	49	69	-	67	49	67	-	-	No	-
	34	Residential	70	69	49	69	-	67	49	67	-	-	No	-
	35	Residential	70	69	49	69	-	67	49	67	-	-	No	-
	36	Residential	70	69	49	69	-	67	49	67	-	-	No	-
	37	Residential	70	69	49	69	-	67	49	67	-	-	No	-
	38	Residential	70	68	49	69	-	67	49	67	-	-	No	-
	39	Residential	70	68	49	68	-	67	49	67	-	-	No	-
	40	Residential	70	68	49	68	-	67	49	67	-	-	No	-
	41	Residential	70	68	49	68	-	67	49	67	-	-	No	-
	42	Residential	70	68	49	68	-	67	49	67	-	-	No	-
	43	Residential	70	68	49	68	-	67	49	67	-	-	No	-
	44	Residential	70	68	49	68	-	66	49	67	-	-	No	-
	45	Residential	70	68	49	68	-	66	49	66	-	-	No	-
	46	Residential	70	68	49	68	-	66	49	66	-	-	No	-
	47	Residential	70	68	49	68	-	66	49	66	-	-	No	-
	48	Residential	70	68	49	68	-	66	49	66	-	-	No	-
	49	Residential	70	68	49	68	-	66	49	66	-	-	No	-
	50	Residential	70	68	49	68	-	66	49	66	-	-	No	-
	51	Residential	70	67	49	68	-	66	49	66	-	-	No	-
	52	Residential	70	67	49	67	-	66	49	66	-	-	No	-
	53	Residential	70	67	49	67	-	66	49	66	-	-	No	-
	54	Residential	70	67	49	67	-	66	49	66	-	-	No	-
	55	Residential	70	67	49	67	-	66	49	66	-	-	No	-
56	Residential	70	67	49	67	-	66	49	66	-	-	No	-	
P-PU1-R-T04_03	1	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	2	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	3	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	4	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	5	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	6	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	7	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	8	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	9	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	10	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	11	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	12	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	13	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	14	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	15	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	16	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	17	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	18	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	19	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	20	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	21	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	22	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	23	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	24	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	25	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	26	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	27	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	28	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	29	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	30	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	31	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	32	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	33	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	34	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	35	Residential	70	68	0	68	-	67	0	67	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU1-R-T04_03	36	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	37	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	38	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	39	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	40	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	41	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	42	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	43	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	44	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	45	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	46	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	47	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	48	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	49	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	50	Residential	70	67	0	67	-	65	0	65	-	-	No	-
	51	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	52	Residential	70	66	0	66	-	65	0	65	-	-	No	-
53	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
54	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
55	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
56	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
P-PU1-R-T04_04	1	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	2	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	3	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	4	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	5	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	6	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	7	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	8	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	9	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	10	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	11	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	12	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	13	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	14	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	15	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	16	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	17	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	18	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	19	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	20	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	21	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	22	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	23	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	24	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	25	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	26	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	27	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	28	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	29	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	30	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	31	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	32	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	33	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	34	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	35	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	36	Residential	70	67	0	67	-	66	0	66	-	-	No	-
37	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
38	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
39	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
40	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
41	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
42	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
43	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
44	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
45	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
46	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
47	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
48	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
49	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
50	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
51	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
52	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
53	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
54	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
55	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
56	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
P-PU2-R-T01_01	1	Residential	70	66	36	66	-	66	36	66	-	-	No	-
	2	Residential	70	66	36	66	-	66	36	66	-	-	No	-
	3	Residential	70	66	36	66	-	66	36	66	-	-	No	-
	4	Residential	70	66	36	66	-	66	36	66	-	-	No	-
	5	Residential	70	66	36	66	-	66	36	66	-	-	No	-
	6	Residential	70	66	36	66	-	66	36	66	-	-	No	-
	7	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	8	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	9	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	10	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	11	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	12	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	13	Residential	70	65	36	65	-	65	36	65	-	-	No	-
	14	Residential	70	64	36	64	-	64	36	64	-	-	No	-
	15	Residential	70	64	36	64	-	64	36	64	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU2-R-T01_01	16	Residential	70	64	36	64	-	64	36	64	-	-	No	-	
	17	Residential	70	64	36	64	-	64	36	64	-	-	No	-	
	18	Residential	70	64	36	64	-	64	36	64	-	-	No	-	
	19	Residential	70	64	36	64	-	64	36	64	-	-	No	-	
	20	Residential	70	64	36	64	-	64	36	64	-	-	No	-	
	21	Residential	70	64	36	64	-	63	36	63	-	-	No	-	
	22	Residential	70	63	36	63	-	63	36	63	-	-	No	-	
	23	Residential	70	63	36	63	-	63	36	63	-	-	No	-	
	24	Residential	70	63	36	63	-	63	36	63	-	-	No	-	
	25	Residential	70	63	37	63	-	63	37	63	-	-	No	-	
	26	Residential	70	63	37	63	-	63	37	63	-	-	No	-	
	27	Residential	70	63	38	63	-	63	38	63	-	-	No	-	
	28	Residential	70	63	38	63	-	63	38	63	-	-	No	-	
	29	Residential	70	63	39	63	-	63	39	63	-	-	No	-	
	30	Residential	70	63	40	63	-	62	40	62	-	-	No	-	
	31	Residential	70	62	41	62	-	62	41	62	-	-	No	-	
	32	Residential	70	62	43	62	-	62	43	62	-	-	No	-	
	33	Residential	70	62	45	62	-	62	45	62	-	-	No	-	
	34	Residential	70	62	48	62	-	62	48	62	-	-	No	-	
	35	Residential	70	62	51	62	-	62	51	62	-	-	No	-	
	36	Residential	70	62	53	63	-	62	53	62	-	-	No	-	
	37	Residential	70	62	54	63	-	62	54	63	-	-	No	-	
	38	Residential	70	62	55	63	-	62	55	63	-	-	No	-	
	39	Residential	70	62	56	63	-	62	56	63	-	-	No	-	
	40	Residential	70	62	56	63	-	62	56	63	-	-	No	-	
	41	Residential	70	62	57	63	-	62	57	63	-	-	No	-	
	42	Residential	70	62	57	63	-	62	57	63	-	-	No	-	
	43	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	44	Residential	70	62	58	63	-	61	58	63	-	-	No	-	
	45	Residential	70	62	58	63	-	61	58	63	-	-	No	-	
	46	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	47	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	48	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	49	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	50	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	51	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	52	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	53	Residential	70	62	58	63	-	62	58	63	-	-	No	-	
	54	Residential	70	62	58	64	-	62	58	63	-	-	No	-	
	55	Residential	70	62	58	64	-	62	58	64	-	-	No	-	
	56	Residential	70	62	58	64	-	62	58	64	-	-	No	-	
	P-PU2-R-T01_02	1	Residential	70	68	31	68	-	68	31	68	-	-	No	-
		2	Residential	70	68	32	68	-	68	32	68	-	-	No	-
		3	Residential	70	68	32	68	-	68	32	68	-	-	No	-
		4	Residential	70	67	33	67	-	67	33	67	-	-	No	-
		5	Residential	70	67	33	67	-	67	33	67	-	-	No	-
		6	Residential	70	67	33	67	-	67	33	67	-	-	No	-
		7	Residential	70	67	33	67	-	67	33	67	-	-	No	-
		8	Residential	70	67	33	67	-	66	33	66	-	-	No	-
		9	Residential	70	66	33	66	-	66	33	66	-	-	No	-
		10	Residential	70	66	33	66	-	66	33	66	-	-	No	-
		11	Residential	70	66	33	66	-	66	33	66	-	-	No	-
		12	Residential	70	66	33	66	-	66	33	66	-	-	No	-
		13	Residential	70	66	33	66	-	66	33	66	-	-	No	-
		14	Residential	70	65	33	65	-	65	33	65	-	-	No	-
		15	Residential	70	65	33	65	-	65	33	65	-	-	No	-
16		Residential	70	65	33	65	-	65	33	65	-	-	No	-	
17		Residential	70	65	33	65	-	65	33	65	-	-	No	-	
18		Residential	70	65	33	65	-	65	33	65	-	-	No	-	
19		Residential	70	65	34	65	-	65	34	65	-	-	No	-	
20		Residential	70	65	34	65	-	64	34	65	-	-	No	-	
21		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
22		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
23		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
24		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
25		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
26		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
27		Residential	70	64	34	64	-	64	34	64	-	-	No	-	
28		Residential	70	64	35	64	-	64	35	64	-	-	No	-	
29		Residential	70	64	35	64	-	64	35	64	-	-	No	-	
30		Residential	70	64	35	64	-	63	35	63	-	-	No	-	
31		Residential	70	63	35	63	-	63	35	63	-	-	No	-	
32		Residential	70	63	35	63	-	63	35	63	-	-	No	-	
33		Residential	70	63	35	63	-	63	35	63	-	-	No	-	
34		Residential	70	63	35	63	-	63	35	63	-	-	No	-	
35		Residential	70	63	35	63	-	63	35	63	-	-	No	-	
36		Residential	70	63	36	63	-	63	36	63	-	-	No	-	
37		Residential	70	63	36	63	-	63	36	63	-	-	No	-	
38		Residential	70	63	36	63	-	63	36	63	-	-	No	-	
39		Residential	70	63	36	63	-	63	36	63	-	-	No	-	
40		Residential	70	63	36	63	-	63	36	63	-	-	No	-	
41		Residential	70	63	36	63	-	63	36	63	-	-	No	-	
42		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
43		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
44		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
45		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
46		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
47		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
48		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
49		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
50		Residential	70	62	36	62	-	62	36	62	-	-	No	-	
51		Residential	70	62	36	62	-	62	36	62	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU2-R-T01_02	52	Residential	70	62	36	62	-	62	36	62	-	-	No	-
	53	Residential	70	62	36	62	-	62	36	62	-	-	No	-
	54	Residential	70	62	36	62	-	62	36	62	-	-	No	-
	55	Residential	70	62	36	62	-	62	36	62	-	-	No	-
56	Residential	70	62	36	62	-	62	36	62	-	-	No	-	
P-PU2-R-T02_01	1	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	2	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	3	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	4	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	5	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	6	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	7	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	8	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	9	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	10	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	11	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	12	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	13	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	14	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	15	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	16	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	17	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	18	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	19	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	20	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	21	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	22	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	23	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	24	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	25	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	26	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	27	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	28	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	29	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	30	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	31	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	32	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	33	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	34	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	35	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	36	Residential	70	62	0	62	-	62	0	62	-	-	No	-
37	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
38	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
39	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
40	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
41	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
42	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
43	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
44	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
45	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
46	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
47	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
48	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
49	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
50	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
51	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
52	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
53	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
54	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
55	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
56	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
P-PU2-R-T03_01	1	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	2	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	3	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	4	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	5	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	6	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	7	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	8	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	9	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	10	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	11	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	12	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	13	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	14	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	15	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	16	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	17	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	18	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	19	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	20	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	21	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	22	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	23	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	24	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	25	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	26	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	27	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	28	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	29	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	30	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	31	Residential	70	63	0	63	-	63	0	63	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU2-R-T03_01	32	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	33	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	34	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	35	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	36	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	38	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	39	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	40	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	41	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	42	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	43	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	44	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	45	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	46	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	47	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	48	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	49	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	50	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	51	Residential	70	62	0	62	-	62	0	62	-	-	No	-
52	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
53	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
54	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
55	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
56	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
P-PU2-R-T04_01	1	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	2	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	3	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	4	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	5	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	6	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	7	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	8	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	9	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	10	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	11	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	12	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	13	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	14	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	15	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	16	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	17	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	18	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	19	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	20	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	21	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	22	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	23	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	24	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	32	Residential	70	64	0	64	-	63	0	63	-	-	No	-
33	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
34	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
35	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
36	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
37	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
38	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
39	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
40	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
41	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
42	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
43	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
46	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
47	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
48	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
49	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
50	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
51	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
52	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
53	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
54	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
55	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
56	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
P-PU2-R-T05_01	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	2	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	6	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	7	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	10	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	11	Residential	70	66	0	66	-	66	0	66	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU2-R-T05_01	12	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	13	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	15	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	16	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	17	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	23	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	24	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	35	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	36	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	38	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	39	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	40	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	41	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	50	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	51	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	52	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	53	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	54	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	55	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	56	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	P-PU2-R-T06_01	1	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		2	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		3	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		4	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		5	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		6	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		10	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
12		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
13		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
14		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
15		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
16		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
17		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
18		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
19		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
20		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
21		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
22		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
23		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
24		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
25		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
26		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
27		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
28		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
29		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
30		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
31		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
32		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
33		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
34		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
35		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
36		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
37		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
39		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
40		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
41		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
42		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
43		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
44		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
45		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
46		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
47		Residential	70	64	0	64	-	63	0	63	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU2-R-T06_01	48	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	49	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	50	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	51	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	52	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	53	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	54	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	55	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	56	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	57	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	58	Residential	70	63	0	63	-	63	0	63	-	-	No	-
59	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
60	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
61	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PU3-R-T01_01	1	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	2	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	3	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	4	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	5	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	6	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	7	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	8	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	9	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	10	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	11	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	12	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	13	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	14	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	15	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	16	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	17	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	18	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	19	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	20	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	21	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	22	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	23	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	24	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	25	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	26	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	27	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	28	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	29	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	30	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	31	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	32	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	33	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	34	Residential	70	63	11	63	-	63	11	63	-	-	No	-
35	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
36	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
37	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
38	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
39	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
40	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
41	Residential	70	63	11	63	-	63	11	63	-	-	No	-	
42	Residential	70	63	10	63	-	62	10	62	-	-	No	-	
43	Residential	70	63	10	63	-	62	10	62	-	-	No	-	
44	Residential	70	63	10	63	-	62	10	62	-	-	No	-	
45	Residential	70	63	10	63	-	62	10	62	-	-	No	-	
46	Residential	70	63	10	63	-	62	10	62	-	-	No	-	
47	Residential	70	62	10	62	-	62	10	62	-	-	No	-	
48	Residential	70	62	10	62	-	62	10	62	-	-	No	-	
49	Residential	70	62	10	62	-	62	10	62	-	-	No	-	
50	Residential	70	62	10	62	-	62	10	62	-	-	No	-	
51	Residential	70	62	10	62	-	62	10	62	-	-	No	-	
52	Residential	70	62	11	62	-	62	11	62	-	-	No	-	
P-PU3-R-T02_01	1	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	2	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	3	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	4	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	5	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	6	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	7	Residential	70	69	14	69	-	69	14	69	-	-	No	-
	8	Residential	70	69	14	69	-	68	14	68	-	-	No	-
	9	Residential	70	69	14	69	-	68	14	68	-	-	No	-
	10	Residential	70	69	14	69	-	68	14	68	-	-	No	-
	11	Residential	70	68	14	68	-	68	14	68	-	-	No	-
	12	Residential	70	68	14	68	-	68	14	68	-	-	No	-
	13	Residential	70	68	14	68	-	68	14	68	-	-	No	-
	14	Residential	70	68	14	68	-	68	14	68	-	-	No	-
15	Residential	70	68	14	68	-	67	14	67	-	-	No	-	
16	Residential	70	68	14	68	-	67	14	67	-	-	No	-	
17	Residential	70	68	14	68	-	67	14	67	-	-	No	-	
18	Residential	70	68	14	68	-	67	14	67	-	-	No	-	
19	Residential	70	67	14	67	-	67	14	67	-	-	No	-	
20	Residential	70	67	14	67	-	67	14	67	-	-	No	-	
21	Residential	70	67	14	67	-	67	14	67	-	-	No	-	
22	Residential	70	67	14	67	-	67	14	67	-	-	No	-	
23	Residential	70	67	14	67	-	66	14	66	-	-	No	-	
24	Residential	70	67	14	67	-	66	14	66	-	-	No	-	
25	Residential	70	67	13	67	-	66	13	66	-	-	No	-	
26	Residential	70	67	13	67	-	66	13	66	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU3-R-T02_01	27	Residential	70	67	13	67	-	66	13	66	-	-	No	-
	28	Residential	70	66	13	66	-	66	13	66	-	-	No	-
	29	Residential	70	66	13	66	-	66	13	66	-	-	No	-
	30	Residential	70	66	13	66	-	66	13	66	-	-	No	-
	31	Residential	70	66	13	66	-	66	13	66	-	-	No	-
	32	Residential	70	66	13	66	-	66	13	66	-	-	No	-
	33	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	34	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	35	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	36	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	37	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	38	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	39	Residential	70	66	13	66	-	65	13	65	-	-	No	-
	40	Residential	70	65	13	65	-	65	13	65	-	-	No	-
	41	Residential	70	65	13	65	-	65	13	65	-	-	No	-
	42	Residential	70	65	13	65	-	65	13	65	-	-	No	-
	43	Residential	70	65	13	65	-	65	13	65	-	-	No	-
	44	Residential	70	65	13	65	-	65	13	65	-	-	No	-
	45	Residential	70	65	13	65	-	65	13	65	-	-	No	-
	46	Residential	70	65	13	65	-	64	13	64	-	-	No	-
	47	Residential	70	65	13	65	-	64	13	64	-	-	No	-
	48	Residential	70	65	13	65	-	64	13	64	-	-	No	-
	49	Residential	70	65	13	65	-	64	13	64	-	-	No	-
	50	Residential	70	65	13	65	-	64	13	64	-	-	No	-
51	Residential	70	65	13	65	-	64	13	64	-	-	No	-	
52	Residential	70	65	13	65	-	64	13	64	-	-	No	-	
P-PU3-R-T02_02	1	Residential	70	72	43	72	29	71	43	71	28	Yes	Yes	AW [5]
	2	Residential	70	72	45	72	26	71	45	71	25	Yes	Yes	AW [5]
	3	Residential	70	72	46	72	26	70	46	70	-	Yes	No	-
	4	Residential	70	72	46	72	25	70	46	70	-	Yes	No	-
	5	Residential	70	72	47	72	25	70	47	70	-	Yes	No	-
	6	Residential	70	72	46	72	25	70	46	70	-	Yes	No	-
	7	Residential	70	71	46	71	25	70	46	70	-	Yes	No	-
	8	Residential	70	71	46	71	25	70	46	70	-	Yes	No	-
	9	Residential	70	71	46	71	25	70	46	70	-	Yes	No	-
	10	Residential	70	71	46	71	25	70	46	70	-	Yes	No	-
	11	Residential	70	71	46	71	25	70	46	70	-	Yes	No	-
	12	Residential	70	71	46	71	24	70	46	70	-	Yes	No	-
	13	Residential	70	71	46	71	24	70	46	70	-	Yes	No	-
	14	Residential	70	71	46	71	24	69	46	70	-	Yes	No	-
	15	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	16	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	17	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	18	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	19	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	20	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	21	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	22	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	23	Residential	70	70	46	70	-	68	46	68	-	-	No	-
	24	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	25	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	26	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	27	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	28	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	29	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	30	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	31	Residential	70	69	46	69	-	68	46	68	-	-	No	-
	32	Residential	70	69	46	69	-	68	46	68	-	-	No	-
33	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
34	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
35	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
36	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
37	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
38	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
39	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
40	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
41	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
42	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
43	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
44	Residential	70	68	45	68	-	66	45	67	-	-	No	-	
45	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
46	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
47	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
48	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
49	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
50	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
51	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
52	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
P-PU3-R-T02_03	1	Residential	70	71	44	71	27	69	44	69	-	Yes	No	-
	2	Residential	70	71	45	71	26	69	45	69	-	Yes	No	-
	3	Residential	70	71	46	71	25	69	46	69	-	Yes	No	-
	4	Residential	70	71	46	71	25	69	46	69	-	Yes	No	-
	5	Residential	70	71	46	71	25	69	46	69	-	Yes	No	-
	6	Residential	70	71	46	71	25	69	46	69	-	Yes	No	-
	7	Residential	70	71	46	71	25	69	46	69	-	Yes	No	-
	8	Residential	70	71	46	71	25	69	46	69	-	Yes	No	-
	9	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	10	Residential	70	70	46	70	-	69	46	69	-	-	No	-
	11	Residential	70	70	46	70	-	68	46	68	-	-	No	-
	12	Residential	70	70	46	70	-	68	46	68	-	-	No	-
	13	Residential	70	70	46	70	-	68	46	68	-	-	No	-
	14	Residential	70	70	46	70	-	68	46	68	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU3-R-T02_03	15	Residential	70	70	46	70	-	68	46	68	-	-	No	-	
	16	Residential	70	70	46	70	-	68	46	68	-	-	No	-	
	17	Residential	70	69	46	69	-	68	46	68	-	-	No	-	
	18	Residential	70	69	46	69	-	68	46	68	-	-	No	-	
	19	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	20	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	21	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	22	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	23	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	24	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	25	Residential	70	69	46	69	-	67	46	67	-	-	No	-	
	26	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
	27	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
	28	Residential	70	68	46	68	-	67	46	67	-	-	No	-	
	29	Residential	70	68	46	68	-	66	46	66	-	-	No	-	
	30	Residential	70	68	46	68	-	66	46	66	-	-	No	-	
	31	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	32	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	33	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	34	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	35	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	36	Residential	70	68	45	68	-	66	45	66	-	-	No	-	
	37	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
	38	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
	39	Residential	70	67	45	67	-	66	45	66	-	-	No	-	
	40	Residential	70	67	45	67	-	65	45	66	-	-	No	-	
	41	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	42	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	43	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	44	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	45	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	46	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	47	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	48	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	49	Residential	70	67	45	67	-	65	45	65	-	-	No	-	
	50	Residential	70	66	45	66	-	65	45	65	-	-	No	-	
	51	Residential	70	66	45	66	-	65	45	65	-	-	No	-	
	52	Residential	70	66	45	66	-	65	45	65	-	-	No	-	
	P-PU3-R-T03_01	1	Residential	70	71	45	71	25	69	45	69	-	Yes	No	-
		2	Residential	70	71	45	71	25	69	45	69	-	Yes	No	-
		3	Residential	70	71	45	71	25	69	45	69	-	Yes	No	-
		4	Residential	70	71	45	71	25	69	45	69	-	Yes	No	-
		5	Residential	70	70	45	71	25	69	45	69	-	Yes	No	-
		6	Residential	70	70	45	70	-	68	45	69	-	-	No	-
		7	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		8	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		9	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		10	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		11	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		12	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		13	Residential	70	70	45	70	-	68	45	68	-	-	No	-
		14	Residential	70	69	45	69	-	68	45	68	-	-	No	-
15		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
16		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
17		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
18		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
19		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
20		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
21		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
22		Residential	70	69	45	69	-	67	45	67	-	-	No	-	
23		Residential	70	68	45	68	-	67	45	67	-	-	No	-	
24		Residential	70	68	45	68	-	66	45	67	-	-	No	-	
25		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
26		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
27		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
28		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
29		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
30		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
31		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
32		Residential	70	68	45	68	-	66	45	66	-	-	No	-	
33		Residential	70	67	45	67	-	66	45	66	-	-	No	-	
34		Residential	70	67	45	67	-	66	45	66	-	-	No	-	
35		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
36		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
37		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
38		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
39		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
40		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
41		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
42		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
43		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
44		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
45		Residential	70	67	45	67	-	65	45	65	-	-	No	-	
46		Residential	70	66	45	66	-	65	45	65	-	-	No	-	
47		Residential	70	66	45	66	-	65	45	65	-	-	No	-	
48		Residential	70	66	45	66	-	64	45	65	-	-	No	-	
49		Residential	70	66	45	66	-	64	45	64	-	-	No	-	
50		Residential	70	66	45	66	-	64	45	64	-	-	No	-	
51		Residential	70	66	45	66	-	64	45	64	-	-	No	-	
52		Residential	70	66	45	66	-	64	45	64	-	-	No	-	
P-PU3-R-T03_02	1	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	2	Residential	70	69	0	69	-	68	0	68	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU3-R-T03_02	3	Residential	70	69	0	69	-	68	0	68	-	-	No	-	
	4	Residential	70	69	0	69	-	68	0	68	-	-	No	-	
	5	Residential	70	69	0	69	-	68	0	68	-	-	No	-	
	6	Residential	70	69	0	69	-	68	0	68	-	-	No	-	
	7	Residential	70	69	0	69	-	67	0	67	-	-	No	-	
	8	Residential	70	69	0	69	-	67	0	67	-	-	No	-	
	9	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	10	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	11	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	12	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	13	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	14	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	15	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	16	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	17	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
	18	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
	19	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	20	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	21	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	22	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	23	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	24	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	25	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	26	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	27	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	28	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	29	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	30	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	31	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	32	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	33	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	34	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	35	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	36	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	37	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	38	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	39	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	40	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	41	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	42	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	43	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	44	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	45	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	46	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	47	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	48	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	49	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	50	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	51	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	52	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	P-PU3-R-T04_01	1	Residential	70	66	12	66	-	66	12	66	-	-	No	-
		2	Residential	70	66	12	66	-	66	12	66	-	-	No	-
3		Residential	70	66	12	66	-	66	12	66	-	-	No	-	
4		Residential	70	66	12	66	-	66	12	66	-	-	No	-	
5		Residential	70	66	12	66	-	66	12	66	-	-	No	-	
6		Residential	70	66	12	66	-	66	12	66	-	-	No	-	
7		Residential	70	67	12	67	-	67	12	67	-	-	No	-	
8		Residential	70	67	12	67	-	67	12	67	-	-	No	-	
9		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
10		Residential	70	68	12	68	-	68	12	68	-	-	No	-	
11		Residential	70	68	12	68	-	68	12	68	-	-	No	-	
12		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
13		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
14		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
15		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
16		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
17		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
18		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
19		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
20		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
21		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
22		Residential	70	68	12	68	-	67	12	67	-	-	No	-	
23		Residential	70	67	12	67	-	67	12	67	-	-	No	-	
24		Residential	70	67	12	67	-	67	12	67	-	-	No	-	
25		Residential	70	67	12	67	-	66	12	66	-	-	No	-	
26		Residential	70	67	12	67	-	66	12	66	-	-	No	-	
27		Residential	70	67	12	67	-	66	12	66	-	-	No	-	
28		Residential	70	67	12	67	-	66	12	66	-	-	No	-	
29		Residential	70	67	11	67	-	66	11	66	-	-	No	-	
30		Residential	70	67	11	67	-	66	11	66	-	-	No	-	
31		Residential	70	67	11	67	-	66	11	66	-	-	No	-	
32		Residential	70	67	11	67	-	66	11	66	-	-	No	-	
33		Residential	70	67	11	67	-	66	11	66	-	-	No	-	
34		Residential	70	67	11	67	-	66	11	66	-	-	No	-	
35	Residential	70	66	11	66	-	66	11	66	-	-	No	-		
36	Residential	70	66	11	66	-	66	11	66	-	-	No	-		
37	Residential	70	66	11	66	-	65	11	65	-	-	No	-		
38	Residential	70	66	11	66	-	65	11	65	-	-	No	-		
39	Residential	70	66	11	66	-	65	11	65	-	-	No	-		
40	Residential	70	66	11	66	-	65	11	65	-	-	No	-		
41	Residential	70	66	11	66	-	65	11	65	-	-	No	-		
42	Residential	70	66	11	66	-	65	11	65	-	-	No	-		

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU3-R-T04_01	43	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	44	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	45	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	46	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	47	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	48	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	49	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	50	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	51	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	52	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	53	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	54	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	55	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	56	Residential	70	65	12	65	-	64	12	64	-	-	No	-
57	Residential	70	65	13	65	-	64	13	64	-	-	No	-	
P-PU3-R-T04_02	1	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	2	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	7	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	15	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	17	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	18	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	19	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	20	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	21	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	22	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	23	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	24	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	25	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	26	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	27	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	28	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	29	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	30	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	31	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	32	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	33	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	34	Residential	70	66	0	66	-	65	0	65	-	-	No	-
35	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
36	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
37	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
38	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
39	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
40	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
41	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
42	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
43	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
44	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
45	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
46	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
47	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
48	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
49	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
50	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
51	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
52	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
53	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
54	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
55	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
56	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
57	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
P-PU4-R-T01_01	1	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	2	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	4	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	5	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	6	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	7	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	8	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	9	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	10	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	15	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	16	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	17	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU4-R-T01_01	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	22	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	23	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	24	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	25	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	26	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	30	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	31	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	32	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	33	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	34	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	35	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	37	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	38	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	39	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	40	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	41	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	42	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	43	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	44	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	45	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	46	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	47	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	48	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	51	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	52	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	53	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	54	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	55	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	56	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	57	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	P-PU4-R-T01_02	1	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		2	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		3	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		4	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		5	Residential	70	70	0	70	-	70	0	70	-	-	No	-
		6	Residential	70	70	0	70	-	69	0	69	-	-	No	-
		7	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		8	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		9	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		10	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		11	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		12	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		13	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		14	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		15	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
		17	Residential	70	67	0	67	-	67	0	67	-	-	No	-
		18	Residential	70	67	0	67	-	67	0	67	-	-	No	-
		19	Residential	70	67	0	67	-	67	0	67	-	-	No	-
		20	Residential	70	67	0	67	-	67	0	67	-	-	No	-
21		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
22		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
23		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
24		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
25		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
26		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
27		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
28		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
29		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
30		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
31		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
32		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
33		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
34		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
35		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
36		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
37		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
39		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
40		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
41		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
42		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
43		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
44		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
45		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
46		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
47		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
48		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
49		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
51		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
52		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
53		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
54		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
55		Residential	70	63	0	63	-	63	0	63	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU4-R-T01_02	56	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	57	Residential	70	63	0	63	-	63	0	63	-	-	No	-
P-PU4-R-T02_01	1	Residential	70	61	11	61	-	61	11	61	-	-	No	-
	2	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	3	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	4	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	5	Residential	70	66	11	66	-	66	11	66	-	-	No	-
	6	Residential	70	66	11	66	-	66	11	66	-	-	No	-
	7	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	8	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	9	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	10	Residential	70	66	11	66	-	65	11	65	-	-	No	-
	11	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	12	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	13	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	14	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	15	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	16	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	17	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	18	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	19	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	20	Residential	70	65	11	65	-	65	11	65	-	-	No	-
	21	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	22	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	23	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	24	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	25	Residential	70	65	11	65	-	64	11	64	-	-	No	-
	26	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	27	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	28	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	29	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	30	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	31	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	32	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	33	Residential	70	64	11	64	-	64	11	64	-	-	No	-
	34	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	35	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	36	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	37	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	38	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	39	Residential	70	64	11	64	-	63	11	63	-	-	No	-
	40	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	41	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	42	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	43	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	44	Residential	70	63	11	63	-	63	11	63	-	-	No	-
	45	Residential	70	63	10	63	-	63	10	63	-	-	No	-
	46	Residential	70	63	10	63	-	63	10	63	-	-	No	-
	47	Residential	70	63	10	63	-	63	10	63	-	-	No	-
	48	Residential	70	63	10	63	-	63	10	63	-	-	No	-
	49	Residential	70	63	10	63	-	63	10	63	-	-	No	-
	50	Residential	70	63	10	63	-	62	10	62	-	-	No	-
	51	Residential	70	63	10	63	-	62	10	62	-	-	No	-
	52	Residential	70	63	10	63	-	62	10	62	-	-	No	-
P-PU4-R-T03_01	1	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	2	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	3	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	4	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	5	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	6	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	7	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	8	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	10	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	11	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	12	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	15	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	22	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	30	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	35	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	37	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	38	Residential	70	64	0	64	-	64	0	64	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU4-R-T03_01	39	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	40	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	41	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	50	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	51	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	52	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	53	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	54	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	55	Residential	70	62	0	62	-	62	0	62	-	-	No	-
56	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
57	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
P-PU4-R-T03_02	1	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	2	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	3	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	4	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	5	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	6	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	7	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	10	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	11	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	12	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	13	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
33	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
35	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
36	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
37	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
39	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
40	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
41	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
42	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
43	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
46	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
47	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
48	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
51	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
52	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
53	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
54	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
55	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
56	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
57	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PU4-R-T04_01	1	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	2	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	3	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	4	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	5	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	6	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	7	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	8	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	9	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	10	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	11	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	12	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	13	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	14	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	15	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	16	Residential	70	65	0	65	-	65	0	65	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU4-R-T04_01	17	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	24	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	35	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	37	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	38	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	39	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	40	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	41	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-
49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
51	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
52	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PU5-R-T01_01	1	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	2	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	3	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	4	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	5	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	6	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	7	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	8	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	9	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	10	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	11	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	12	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	13	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	14	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	15	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	16	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	17	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	18	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	26	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	27	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	28	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	29	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	30	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	31	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
33	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
35	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
36	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
37	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
39	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
40	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
41	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
42	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
43	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
44	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
45	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
46	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
47	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
48	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PU5-R-T01_02	1	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	2	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	3	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	4	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	5	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	6	Residential	70	70	0	70	-	68	0	68	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PU5-R-T01_02	7	Residential	70	70	0	70	-	68	0	68	-	-	No	-	
	8	Residential	70	70	0	70	-	68	0	68	-	-	No	-	
	9	Residential	70	70	0	70	-	68	0	68	-	-	No	-	
	10	Residential	70	69	0	69	-	67	0	67	-	-	No	-	
	11	Residential	70	69	0	69	-	67	0	67	-	-	No	-	
	12	Residential	70	69	0	69	-	67	0	67	-	-	No	-	
	13	Residential	70	69	0	69	-	67	0	67	-	-	No	-	
	14	Residential	70	68	0	68	-	67	0	67	-	-	No	-	
	15	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
	16	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
	17	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
	18	Residential	70	68	0	68	-	66	0	66	-	-	No	-	
	19	Residential	70	67	0	67	-	66	0	66	-	-	No	-	
	20	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	21	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	22	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	23	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	24	Residential	70	67	0	67	-	65	0	65	-	-	No	-	
	25	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	26	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	27	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	28	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	29	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	30	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	31	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	32	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	33	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	34	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	35	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	36	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	37	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	38	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	39	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	40	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	41	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	42	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	43	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	44	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	45	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	46	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	47	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	48	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	49	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	50	Residential	70	64	0	64	-	62	0	62	-	-	No	-	
	P-PU5-R-T02_01	1	Residential	70	64	0	64	-	64	0	64	-	-	No	-
		2	Residential	70	64	0	64	-	64	0	64	-	-	No	-
		3	Residential	70	64	0	64	-	64	0	64	-	-	No	-
		4	Residential	70	65	0	65	-	64	0	64	-	-	No	-
		5	Residential	70	65	0	65	-	64	0	64	-	-	No	-
		6	Residential	70	65	0	65	-	65	0	65	-	-	No	-
7		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
8		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
9		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
10		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
11		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
12		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
13		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
14		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
15		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
16		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
17		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
18		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
19		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
20		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
21		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
22		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
23		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
24		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
25		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
26		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
27		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
28		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
29		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
30		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
31		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
32		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
33		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
34		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
35		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
36		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
37		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
39		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
40		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
41		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
42		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
43		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
44		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
45		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
46		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
47		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
48		Residential	70	64	0	64	-	63	0	63	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU5-R-T02_01	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	50	Residential	70	63	0	63	-	63	0	63	-	-	No	-
P-PU5-R-T02_02	1	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	2	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	3	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	6	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	7	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	15	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	17	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	18	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	19	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	20	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	21	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	22	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	23	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	24	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	25	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	26	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	27	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	28	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	29	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	30	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	31	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	32	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	33	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	34	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	35	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	36	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	37	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	38	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	39	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	40	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	41	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	42	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	43	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	44	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	45	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	46	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	47	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	48	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	49	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	50	Residential	70	65	0	65	-	65	0	65	-	-	No	-
P-PU5-R-T03_01	1	Residential	70	72	0	72	72	70	0	70	-	Yes	No	-
	2	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	3	Residential	70	71	0	71	71	70	0	70	-	Yes	No	-
	4	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	5	Residential	70	71	0	71	71	69	0	69	-	Yes	No	-
	6	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	7	Residential	70	70	0	70	-	69	0	69	-	-	No	-
	8	Residential	70	70	0	70	-	68	0	68	-	-	No	-
	9	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	10	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	11	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	12	Residential	70	69	0	69	-	67	0	67	-	-	No	-
	13	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	14	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	15	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	16	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	17	Residential	70	68	0	68	-	66	0	66	-	-	No	-
	18	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	19	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	20	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	21	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	22	Residential	70	67	0	67	-	65	0	65	-	-	No	-
	23	Residential	70	67	0	67	-	65	0	65	-	-	No	-
	24	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	25	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	26	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	27	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	28	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	29	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	30	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	31	Residential	70	66	0	66	-	64	0	64	-	-	No	-
	32	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	33	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	34	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	35	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	36	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	37	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	38	Residential	70	65	0	65	-	63	0	63	-	-	No	-
	39	Residential	70	65	0	65	-	63	0	63	-	-	No	-
	40	Residential	70	64	0	64	-	63	0	63	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU5-R-T03_01	41	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	42	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	43	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	44	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	45	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	46	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	47	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	48	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	49	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	50	Residential	70	64	0	64	-	62	0	62	-	-	No	-
P-PU5-R-T03_02	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	2	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	15	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	22	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	23	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	30	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	31	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	32	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	35	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	37	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	38	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	39	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	40	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	41	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	42	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	43	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	50	Residential	70	63	0	63	-	63	0	63	-	-	No	-
P-PU5-R-T04_01	1	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	2	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	10	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	11	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	12	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	13	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	14	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	15	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	17	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	18	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	19	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	20	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	21	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	22	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	23	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	24	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	25	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	26	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	27	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	28	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	29	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	30	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	31	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	32	Residential	70	66	0	66	-	66	0	66	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU5-R-T04_01	33	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	34	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	35	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	36	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	37	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	38	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	39	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	40	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	41	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	42	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	43	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	44	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	45	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	46	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	47	Residential	70	65	0	65	-	65	0	65	-	-	No	-
48	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
49	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
50	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
P-PU5-R-T04_02	1	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	2	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	15	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	16	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	22	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	23	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	24	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	25	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	26	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	27	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	28	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	29	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	30	Residential	70	66	0	66	-	65	0	65	-	-	No	-
31	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
32	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
33	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
34	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
35	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
36	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
37	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
38	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
39	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
40	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
41	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
42	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
43	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
44	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
45	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
46	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
47	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
48	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
49	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
50	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
P-PU6-R-T01_01	1	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	2	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	3	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	4	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	5	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	6	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	7	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	8	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	9	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	10	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	11	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	12	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	13	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	15	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	16	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	17	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	24	Residential	70	65	0	65	-	64	0	64	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU6-R-T01_01	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	33	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	34	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	35	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	36	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	38	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	39	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	40	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	41	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-
45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
46	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
47	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
48	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
49	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
50	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
P-PU6-R-T01_02	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	2	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	3	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
31	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
32	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
33	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
35	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
36	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
37	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
38	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
39	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
40	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
41	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
42	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
43	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
46	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
47	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
48	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
49	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
50	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
P-PU6-R-T02_01	1	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	2	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	3	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	4	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	5	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	6	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	7	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU6-R-T02_01	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	22	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	23	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	24	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	30	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	31	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	32	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	33	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	34	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	35	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	36	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	37	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	38	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	39	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	40	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	41	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	42	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	43	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	44	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	45	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	46	Residential	70	64	0	64	-	64	0	64	-	-	No	-
47	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
48	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
49	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
50	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
P-PU6-R-T02_02	1	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	2	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	3	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	4	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	5	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	6	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	7	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	8	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	9	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	10	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	11	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	12	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	13	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	14	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	15	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	16	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	17	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	30	Residential	70	65	0	65	-	65	0	65	-	-	No	-
31	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
32	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
33	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
34	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
35	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
36	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
37	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
38	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
39	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
40	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
41	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
42	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
43	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
44	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
45	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
46	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
47	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
48	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
49	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
50	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
P-PU6-R-T03_01	1	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	2	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	3	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	4	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	5	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	6	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PUG-R-T03_01	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	10	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	19	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	33	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	34	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	35	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	36	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	38	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	39	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	40	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	41	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	43	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	44	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	45	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	46	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	47	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	48	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	49	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	50	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	P-PUG-R-T04_01	1	Residential	70	60	0	60	-	58	0	58	-	-	No	-
		2	Residential	70	60	0	60	-	58	0	58	-	-	No	-
		3	Residential	70	60	0	60	-	58	0	58	-	-	No	-
		4	Residential	70	60	0	60	-	58	0	58	-	-	No	-
		5	Residential	70	61	0	61	-	59	0	59	-	-	No	-
		6	Residential	70	61	0	61	-	59	0	59	-	-	No	-
		7	Residential	70	61	0	61	-	59	0	59	-	-	No	-
		8	Residential	70	61	0	61	-	59	0	59	-	-	No	-
9		Residential	70	62	0	62	-	60	0	60	-	-	No	-	
10		Residential	70	62	0	62	-	60	0	60	-	-	No	-	
11		Residential	70	62	0	62	-	60	0	60	-	-	No	-	
12		Residential	70	62	0	62	-	60	0	60	-	-	No	-	
13		Residential	70	62	0	62	-	60	0	60	-	-	No	-	
14		Residential	70	62	0	62	-	61	0	61	-	-	No	-	
15		Residential	70	62	0	62	-	61	0	61	-	-	No	-	
16		Residential	70	63	0	63	-	61	0	61	-	-	No	-	
17		Residential	70	63	0	63	-	61	0	61	-	-	No	-	
18		Residential	70	63	0	63	-	61	0	61	-	-	No	-	
19		Residential	70	63	0	63	-	62	0	62	-	-	No	-	
20		Residential	70	63	0	63	-	62	0	62	-	-	No	-	
21		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
22		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
23		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
24		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
25		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
26		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
27		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
28		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
29		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
30		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
31		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
32		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
33		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
34		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
35		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
36		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
37		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
38		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
39		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
40		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
41		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
42		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
43		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
44		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
45		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
46		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
47		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
48		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
49		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
50		Residential	70	63	0	63	-	62	0	62	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU6-R-T05_01	1	Residential	70	70	0	70	-	70	0	70	-	-	No	-
	2	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	3	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	4	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	5	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	32	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	33	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	34	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	35	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	36	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	38	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	39	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	40	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	41	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	42	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	43	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	44	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	45	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	46	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	47	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	48	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	49	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	50	Residential	70	62	0	62	-	62	0	62	-	-	No	-
P-PU6-R-T05_02	1	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	2	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	3	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	4	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	5	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	6	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	7	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	8	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	9	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	10	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	11	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	12	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	13	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	14	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	15	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	16	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	17	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	18	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	19	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	20	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	21	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	22	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	23	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	24	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	25	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	26	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	27	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	28	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	29	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	30	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	31	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	32	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	33	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	34	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	35	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	36	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	37	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	38	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	39	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	40	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	41	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	42	Residential	70	61	0	61	-	61	0	61	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU6-R-T05_02	43	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	44	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	45	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	46	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	47	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	48	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	49	Residential	70	61	0	61	-	61	0	61	-	-	No	-
50	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
P-PU6-R-T06_01	1	Residential	70	60	0	60	-	59	0	59	-	-	No	-
	2	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	3	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	4	Residential	70	61	0	61	-	60	0	60	-	-	No	-
	5	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	6	Residential	70	62	0	62	-	61	0	61	-	-	No	-
	7	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	8	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	9	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	10	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	11	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	12	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	13	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	14	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	15	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	16	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	17	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	18	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	19	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	20	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	21	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	22	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	23	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	24	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	25	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	26	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	27	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	28	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	29	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	30	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	31	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	32	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	33	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	34	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	35	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	36	Residential	70	65	0	65	-	63	0	63	-	-	No	-
	37	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	38	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	39	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	40	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	41	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	42	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	43	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	44	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	45	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	46	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	47	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	48	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	49	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	50	Residential	70	64	0	64	-	63	0	63	-	-	No	-
P-PU6-R-T06_02	1	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	2	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	3	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	4	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	5	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	6	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	7	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	8	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	9	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	10	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	11	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	12	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	13	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	14	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	15	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	16	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	17	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	21	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	22	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	23	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	24	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	34	Residential	70	64	0	64	-	63	0	63	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PU6-R-T06_02	35	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	36	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	38	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	39	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	40	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	41	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-
50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PR1-R-T01_01	1	Residential	70	65	40	65	-	64	40	64	-	-	No	-
	2	Residential	70	67	42	67	-	67	42	67	-	-	No	-
	3	Residential	70	68	43	68	-	68	43	68	-	-	No	-
	4	Residential	70	68	44	68	-	68	44	68	-	-	No	-
	5	Residential	70	68	44	68	-	68	44	68	-	-	No	-
	6	Residential	70	67	44	68	-	67	44	67	-	-	No	-
	7	Residential	70	67	45	67	-	67	45	67	-	-	No	-
	8	Residential	70	67	45	67	-	67	45	67	-	-	No	-
	9	Residential	70	67	45	67	-	67	45	67	-	-	No	-
	10	Residential	70	67	45	67	-	67	45	67	-	-	No	-
	11	Residential	70	67	45	67	-	67	45	67	-	-	No	-
	12	Residential	70	67	45	67	-	66	45	66	-	-	No	-
	13	Residential	70	66	45	66	-	66	45	66	-	-	No	-
	14	Residential	70	66	45	66	-	66	45	66	-	-	No	-
	15	Residential	70	66	45	66	-	66	45	66	-	-	No	-
	16	Residential	70	66	45	66	-	66	45	66	-	-	No	-
	17	Residential	70	66	45	66	-	66	45	66	-	-	No	-
	18	Residential	70	66	45	66	-	66	45	66	-	-	No	-
	19	Residential	70	66	45	66	-	65	45	65	-	-	No	-
	20	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	21	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	22	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	23	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	24	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	25	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	26	Residential	70	65	45	65	-	65	45	65	-	-	No	-
	27	Residential	70	65	45	65	-	64	45	64	-	-	No	-
	28	Residential	70	64	45	65	-	64	45	64	-	-	No	-
	29	Residential	70	64	45	64	-	64	45	64	-	-	No	-
	30	Residential	70	64	45	64	-	64	45	64	-	-	No	-
	31	Residential	70	64	45	64	-	64	45	64	-	-	No	-
	32	Residential	70	64	45	64	-	64	45	64	-	-	No	-
	33	Residential	70	64	45	64	-	64	45	64	-	-	No	-
34	Residential	70	64	45	64	-	64	45	64	-	-	No	-	
35	Residential	70	64	45	64	-	64	45	64	-	-	No	-	
36	Residential	70	64	45	64	-	64	45	64	-	-	No	-	
37	Residential	70	64	45	64	-	63	45	63	-	-	No	-	
38	Residential	70	64	45	64	-	63	45	63	-	-	No	-	
39	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
40	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
41	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
42	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
43	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
44	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
45	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
46	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
47	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
48	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
49	Residential	70	63	44	63	-	63	44	63	-	-	No	-	
50	Residential	70	63	44	63	-	62	44	63	-	-	No	-	
51	Residential	70	63	44	63	-	62	44	63	-	-	No	-	
52	Residential	70	63	44	63	-	62	44	62	-	-	No	-	
P-PR1-R-T02_01	1	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	2	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
16	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
17	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
18	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
19	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
20	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
21	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
22	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
23	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
24	Residential	70	65	0	65	-	65	0	65	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PR1-R-T02_01	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	29	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	35	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	37	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	38	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	39	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	40	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	41	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-
49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
51	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
52	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PR1-R-T03_01	1	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	2	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	21	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	30	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	31	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-
33	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
35	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
36	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
37	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
39	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
40	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
41	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
42	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
43	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
46	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
47	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
48	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
51	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
52	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PR2-R-T01_01	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	2	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	3	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	4	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	5	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	6	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	10	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	11	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	12	Residential	70	68	0	68	-	67	0	67	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PR2-R-T01_01	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	15	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	17	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	22	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	23	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	24	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	29	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	30	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	31	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	32	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	33	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	35	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	37	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	38	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	39	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	40	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	41	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	42	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	47	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	48	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	49	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	50	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	P-PR2-R-T02_01	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		2	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		3	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		4	Residential	70	69	0	69	-	69	0	69	-	-	No	-
		5	Residential	70	69	0	69	-	68	0	68	-	-	No	-
		6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		10	Residential	70	68	0	68	-	68	0	68	-	-	No	-
		11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
		12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
13		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
14		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
15		Residential	70	67	0	67	-	67	0	67	-	-	No	-	
16		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
17		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
18		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
19		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
20		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
21		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
22		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
23		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
24		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
25		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
26		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
27		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
28		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
29		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
30		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
31		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
32		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
33		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
34		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
35		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
36		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
37		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
38		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
39		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
40		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
41		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
42		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
43		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
44		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
45		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
46		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
47		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
48		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
49		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
50		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
P-PR2-R-T03_01	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-	
	2	Residential	70	69	0	69	-	69	0	69	-	-	No	-	
	3	Residential	70	69	0	69	-	69	0	69	-	-	No	-	
	4	Residential	70	69	0	69	-	68	0	68	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PR2-R-T03_01	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-	
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-	
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-	
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	29	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	30	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	31	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	32	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	33	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	34	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	35	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	36	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	37	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	38	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	39	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	40	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	41	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	42	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	43	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	44	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	45	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	46	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	47	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	48	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	49	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	50	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
	P-PR3-R-T01_01	1	Residential	70	65	0	65	-	65	0	65	-	-	No	-
		2	Residential	70	65	0	65	-	65	0	65	-	-	No	-
		3	Residential	70	65	0	65	-	65	0	65	-	-	No	-
		4	Residential	70	66	0	66	-	66	0	66	-	-	No	-
5		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
6		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
7		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
8		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
9		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
10		Residential	70	66	0	66	-	66	0	66	-	-	No	-	
11		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
12		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
13		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
14		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
15		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
16		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
17		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
18		Residential	70	65	0	65	-	65	0	65	-	-	No	-	
19		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
20		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
21		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
22		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
23		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
24		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
25		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
26		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
27		Residential	70	64	0	64	-	64	0	64	-	-	No	-	
28		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
29		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
30		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
31		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
32		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
33		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
34		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
35		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
36		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
37		Residential	70	63	0	63	-	63	0	63	-	-	No	-	
38		Residential	70	63	0	63	-	62	0	62	-	-	No	-	
39		Residential	70	63	0	63	-	62	0	62	-	-	No	-	
40		Residential	70	63	0	63	-	62	0	62	-	-	No	-	
P-PR3-R-T01_02	1	Residential	70	59	0	59	-	59	0	59	-	-	No	-	
	2	Residential	70	61	0	61	-	61	0	61	-	-	No	-	
	3	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	4	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	5	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	6	Residential	70	66	0	66	-	65	0	65	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures	
				Unmitigated				Mitigated by LNRS only							
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]				
P-PR3-R-T01_02	7	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	8	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	9	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	10	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	11	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	12	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	13	Residential	70	66	0	66	-	65	0	65	-	-	No	-	
	14	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	15	Residential	70	65	0	65	-	65	0	65	-	-	No	-	
	16	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	17	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	18	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	19	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	20	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	21	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	22	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	23	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	24	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
	25	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	26	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	27	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	28	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	29	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	30	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	31	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	32	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	33	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	34	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	35	Residential	70	63	0	63	-	63	0	63	-	-	No	-	
	36	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	37	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	38	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	39	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	40	Residential	70	63	0	63	-	62	0	62	-	-	No	-	
	P-PR3-R-T02_01	1	Residential	70	62	0	62	-	61	0	61	-	-	No	-
		2	Residential	70	66	0	66	-	64	0	64	-	-	No	-
		3	Residential	70	67	0	67	-	66	0	66	-	-	No	-
		4	Residential	70	68	0	68	-	66	0	66	-	-	No	-
		5	Residential	70	68	0	68	-	66	0	66	-	-	No	-
		6	Residential	70	68	0	68	-	66	0	66	-	-	No	-
7		Residential	70	67	0	67	-	66	0	66	-	-	No	-	
8		Residential	70	67	0	67	-	66	0	66	-	-	No	-	
9		Residential	70	67	0	67	-	66	0	66	-	-	No	-	
10		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
11		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
12		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
13		Residential	70	67	0	67	-	65	0	65	-	-	No	-	
14		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
15		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
16		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
17		Residential	70	66	0	66	-	65	0	65	-	-	No	-	
18		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
19		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
20		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
21		Residential	70	66	0	66	-	64	0	64	-	-	No	-	
22		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
23		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
24		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
25		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
26		Residential	70	65	0	65	-	64	0	64	-	-	No	-	
27		Residential	70	65	0	65	-	63	0	63	-	-	No	-	
28		Residential	70	65	0	65	-	63	0	63	-	-	No	-	
29		Residential	70	65	0	65	-	63	0	63	-	-	No	-	
30		Residential	70	65	0	65	-	63	0	63	-	-	No	-	
31		Residential	70	65	0	65	-	63	0	63	-	-	No	-	
32		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
33		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
34		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
35		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
36		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
37		Residential	70	64	0	64	-	63	0	63	-	-	No	-	
38		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
39		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
40		Residential	70	64	0	64	-	62	0	62	-	-	No	-	
P-PR3-R-T02_02	1	Residential	70	57	0	57	-	56	0	56	-	-	No	-	
	2	Residential	70	60	0	60	-	58	0	58	-	-	No	-	
	3	Residential	70	63	0	63	-	61	0	61	-	-	No	-	
	4	Residential	70	64	0	64	-	63	0	63	-	-	No	-	
	5	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	6	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	7	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	8	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	9	Residential	70	66	0	66	-	64	0	64	-	-	No	-	
	10	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	11	Residential	70	65	0	65	-	64	0	64	-	-	No	-	
	12	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	13	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	14	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	15	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	16	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	17	Residential	70	65	0	65	-	63	0	63	-	-	No	-	
	18	Residential	70	65	0	65	-	63	0	63	-	-	No	-	

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PR3-R-T02_02	19	Residential	70	65	0	65	-	63	0	63	-	-	No	-
	20	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	21	Residential	70	64	0	64	-	63	0	63	-	-	No	-
	22	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	23	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	24	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	25	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	26	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	27	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	28	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	29	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	30	Residential	70	64	0	64	-	62	0	62	-	-	No	-
	31	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	32	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	33	Residential	70	63	0	63	-	62	0	62	-	-	No	-
	34	Residential	70	63	0	63	-	61	0	61	-	-	No	-
	35	Residential	70	63	0	63	-	61	0	61	-	-	No	-
	36	Residential	70	63	0	63	-	61	0	61	-	-	No	-
	37	Residential	70	63	0	63	-	61	0	61	-	-	No	-
	38	Residential	70	63	0	63	-	61	0	61	-	-	No	-
39	Residential	70	63	0	63	-	61	0	61	-	-	No	-	
40	Residential	70	63	0	63	-	61	0	61	-	-	No	-	
P-PR4-R-T01_01	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	2	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	3	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	4	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	5	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	9	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	10	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	14	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	15	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	16	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	20	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	21	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	22	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	23	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	27	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	28	Residential	70	65	0	65	-	65	0	65	-	-	No	-
P-PR4-R-T02_01	1	Residential	70	69	0	69	-	69	0	69	-	-	No	-
	2	Residential	70	69	0	69	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	8	Residential	70	68	0	68	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	13	Residential	70	67	0	67	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	17	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	18	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	19	Residential	70	66	0	66	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	24	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	25	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	26	Residential	70	65	0	65	-	64	0	64	-	-	No	-
	27	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	28	Residential	70	64	0	64	-	64	0	64	-	-	No	-
P-PR4-R-T03_01	1	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	2	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	3	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	4	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	5	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	6	Residential	70	68	0	68	-	68	0	68	-	-	No	-
	7	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	8	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	9	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	10	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	11	Residential	70	67	0	67	-	67	0	67	-	-	No	-
	12	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	13	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	14	Residential	70	66	0	66	-	66	0	66	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-PR4-R-T03_01	15	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	16	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	17	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	18	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	19	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	20	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	21	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	22	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	23	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	24	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	25	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	26	Residential	70	64	0	64	-	64	0	64	-	-	No	-
27	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
28	Residential	70	64	0	64	-	64	0	64	-	-	No	-	
P-PR5-R-T01_01	1	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	2	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	3	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	4	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	5	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	6	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	7	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	8	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	9	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	10	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	11	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	12	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	13	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	14	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	15	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	16	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	17	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	18	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	19	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	20	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	21	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	22	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	23	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	24	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	25	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	26	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	27	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	28	Residential	70	60	0	60	-	60	0	60	-	-	No	-
P-PR5-R-T02_01	1	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	2	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	3	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	4	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	5	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	6	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	7	Residential	70	66	0	66	-	66	0	66	-	-	No	-
	8	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	9	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	10	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	11	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	12	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	13	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	14	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	15	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	16	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	17	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	18	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	19	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	20	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	21	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	22	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	23	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	24	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	25	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	26	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	27	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	28	Residential	70	63	0	63	-	63	0	63	-	-	No	-
P-PR5-R-T02_02	1	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	2	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	3	Residential	70	65	0	65	-	65	0	65	-	-	No	-
	4	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	5	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	6	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	7	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	8	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	9	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	10	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	11	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	12	Residential	70	64	0	64	-	64	0	64	-	-	No	-
	13	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	14	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	15	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	16	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	17	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	18	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	19	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	20	Residential	70	63	0	63	-	63	0	63	-	-	No	-
	21	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	22	Residential	70	62	0	62	-	62	0	62	-	-	No	-

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) [1][2]								Noise benefit by adoption of LNRS, ≥1.0 dB(A) [4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution [3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution [3]			
P-PR5-R-T02_02	23	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	24	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	25	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	26	Residential	70	62	0	62	-	62	0	62	-	-	No	-
	27	Residential	70	62	0	62	-	62	0	62	-	-	No	-
28	Residential	70	62	0	62	-	62	0	62	-	-	No	-	
P-PR5-R-T03_01	1	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	2	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	3	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	4	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	5	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	6	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	7	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	8	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	9	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	10	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	11	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	12	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	13	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	14	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	15	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	16	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	17	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	18	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	19	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	20	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	21	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	22	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	23	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	24	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	25	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	26	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	27	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	28	Residential	70	60	0	60	-	60	0	60	-	-	No	-
P-PR5-R-T04_01	1	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	2	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	3	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	4	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	5	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	6	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	7	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	8	Residential	70	61	0	61	-	61	0	61	-	-	No	-
	9	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	10	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	11	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	12	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	13	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	14	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	15	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	16	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	17	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	18	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	19	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	20	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	21	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	22	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	23	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	24	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	25	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	26	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	27	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	28	Residential	70	59	0	59	-	59	0	59	-	-	No	-
P-PR5-R-T04_02	1	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	2	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	3	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	4	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	5	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	6	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	7	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	8	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	9	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	10	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	11	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	12	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	13	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	14	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	15	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	16	Residential	70	60	0	60	-	60	0	60	-	-	No	-
	17	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	18	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	19	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	20	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	21	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	22	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	23	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	24	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	25	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	26	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	27	Residential	70	59	0	59	-	59	0	59	-	-	No	-
	28	Residential	70	59	0	59	-	59	0	59	-	-	No	-
P-E1-E-T01_01	1	Educational Institutions	65	66	0	66	66	66	0	66	66	No	Yes	NIW [6]
	2	Educational Institutions	65	66	0	66	66	66	0	66	66	No	Yes	NIW [6]

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041, L10 (1-hour) dB(A) ^{[1][2]}								Noise benefit by adoption of LNRS, ≥ 1.0 dB(A) ^[4]	Further Mitigation Measures Required	Recommendation of Further / Additional Mitigation Measures
				Unmitigated				Mitigated by LNRS only						
				Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]	Project Roads	Other Roads	Overall Noise Level	Project Roads Contribution ^[3]			
P-E5-E-T01_02	7	Educational Institutions	65	70	0	70	70	70	0	70	70	No	Yes	NIW [6]
	8	Educational Institutions	65	69	0	69	69	69	0	69	69	No	Yes	NIW [6]
P-E5-E-T01_03	1	Educational Institutions	65	69	0	69	69	69	0	69	69	No	Yes	NIW [6]
	2	Educational Institutions	65	69	0	69	69	69	0	69	69	No	Yes	NIW [6]
	3	Educational Institutions	65	69	0	69	69	69	0	69	69	No	Yes	NIW [6]
	4	Educational Institutions	65	69	0	69	69	69	0	69	69	No	Yes	NIW [6]
	5	Educational Institutions	65	68	0	68	68	68	0	68	68	No	Yes	NIW [6]
	6	Educational Institutions	65	68	0	68	68	68	0	68	68	No	Yes	NIW [6]
	7	Educational Institutions	65	68	0	68	68	68	0	68	68	No	Yes	NIW [6]
8	Educational Institutions	65	68	0	68	68	68	0	68	68	No	Yes	NIW [6]	

Note:

- ^[1] The predicted overall noise level should be rounded to nearest integer for comparison with the noise criteria, according to CRTN
- ^[2] Bolded values indicate the predicted noise level exceeded the corresponding EIAO-TM noise criteria.
- ^[3] Project Road's contribution would be presented if overall noise level was exceeded noise criteria.
- ^[4] Since the noise reduction by adopting LNRS at most affected NAPs of planned schools is less than 1.0 dB(A), i.e. not effective and not benefitted. LNRS would be removed and only noise insulation would be considered for affected planned schools. The "optimised mitigation measures" is shown in **Figure 4.9**.
- ^[5] "AW" indicate provision of Acoustic Windows. In general, adoption of acoustic window can reduce 5 dB(A) road traffic noise level.
- ^[6] "NIW" indicate provisioning of Noise Insulation with Suitable Window Type and Air-conditioning, subject to details road traffic noise assessment under separate Class Assessment Documents by School's Proponent and agreed by Director of Environmental Protection.
- ^[7] Since noise benefit is less than 1.0 dB(A), LNRS has been removed under "Optimised Mitigation Measure", noise insulation with suitable window type and air-conditioning is therefore required for this assessment point.

Appendix 4.11B

**Predicted Road Traffic Noise Level at TKO137 Area
(Optimised Mitigation Measures)**

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T01_01	1	Residential	70	59	36	59	-
	2	Residential	70	59	37	59	-
	3	Residential	70	59	38	59	-
	4	Residential	70	59	40	59	-
	5	Residential	70	59	41	59	-
	6	Residential	70	59	43	59	-
	7	Residential	70	59	45	59	-
	8	Residential	70	59	47	59	-
	9	Residential	70	59	50	59	-
	10	Residential	70	59	54	60	-
	11	Residential	70	59	57	61	-
	12	Residential	70	59	58	62	-
	13	Residential	70	59	58	62	-
	14	Residential	70	60	59	62	-
	15	Residential	70	60	59	62	-
	16	Residential	70	60	59	63	-
	17	Residential	70	60	59	63	-
	18	Residential	70	61	59	63	-
	19	Residential	70	61	59	63	-
	20	Residential	70	61	59	63	-
	21	Residential	70	61	59	63	-
	22	Residential	70	61	59	63	-
	23	Residential	70	61	59	63	-
	24	Residential	70	61	59	63	-
	25	Residential	70	61	59	63	-
	26	Residential	70	61	59	63	-
	27	Residential	70	61	59	63	-
	28	Residential	70	61	59	63	-
	29	Residential	70	61	59	63	-
	30	Residential	70	61	59	63	-
	31	Residential	70	61	58	63	-
	32	Residential	70	61	58	63	-
	33	Residential	70	61	58	63	-
	34	Residential	70	61	58	63	-
	35	Residential	70	61	58	63	-
	36	Residential	70	61	58	63	-
	37	Residential	70	61	58	63	-
	38	Residential	70	61	58	63	-
	39	Residential	70	61	58	63	-
	40	Residential	70	61	58	63	-
	41	Residential	70	61	58	63	-
	42	Residential	70	61	58	63	-
	43	Residential	70	61	58	63	-
	44	Residential	70	61	58	63	-
	45	Residential	70	61	58	63	-
	46	Residential	70	61	58	63	-
	47	Residential	70	61	58	63	-
	48	Residential	70	61	58	63	-
	49	Residential	70	61	58	63	-
	50	Residential	70	61	58	63	-
	51	Residential	70	61	58	63	-
	52	Residential	70	61	58	63	-
	53	Residential	70	61	58	63	-
	54	Residential	70	61	57	63	-
	55	Residential	70	61	57	63	-
	56	Residential	70	61	57	63	-
	57	Residential	70	61	57	63	-
	58	Residential	70	61	57	63	-
	59	Residential	70	61	57	63	-
	60	Residential	70	61	57	62	-
	61	Residential	70	61	57	62	-
P-PU1-R-T02_01	1	Residential	70	64	29	64	-
	2	Residential	70	64	30	64	-
	3	Residential	70	64	32	64	-
	4	Residential	70	64	35	64	-
	5	Residential	70	64	36	64	-
	6	Residential	70	64	36	64	-
	7	Residential	70	64	36	64	-
	8	Residential	70	64	36	64	-
	9	Residential	70	64	36	64	-
	10	Residential	70	64	36	64	-
	11	Residential	70	64	36	64	-
	12	Residential	70	64	36	64	-
	13	Residential	70	64	36	64	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T02_01	14	Residential	70	64	36	64	-
	15	Residential	70	64	36	64	-
	16	Residential	70	64	36	64	-
	17	Residential	70	64	36	64	-
	18	Residential	70	64	36	64	-
	19	Residential	70	64	36	64	-
	20	Residential	70	63	37	63	-
	21	Residential	70	63	37	63	-
	22	Residential	70	63	37	63	-
	23	Residential	70	63	37	63	-
	24	Residential	70	63	37	63	-
	25	Residential	70	63	37	63	-
	26	Residential	70	63	37	63	-
	27	Residential	70	63	37	63	-
	28	Residential	70	63	37	63	-
	29	Residential	70	63	37	63	-
	30	Residential	70	63	38	63	-
	31	Residential	70	63	38	63	-
	32	Residential	70	63	39	63	-
	33	Residential	70	63	40	63	-
	34	Residential	70	62	42	63	-
	35	Residential	70	62	43	63	-
	36	Residential	70	62	45	62	-
	37	Residential	70	62	46	62	-
	38	Residential	70	62	46	62	-
	39	Residential	70	62	47	62	-
	40	Residential	70	62	48	62	-
	41	Residential	70	62	49	62	-
	42	Residential	70	62	50	62	-
	43	Residential	70	62	51	63	-
	44	Residential	70	62	52	63	-
	45	Residential	70	62	52	63	-
	46	Residential	70	62	53	63	-
	47	Residential	70	62	54	63	-
	48	Residential	70	62	54	63	-
	49	Residential	70	62	54	63	-
	50	Residential	70	62	54	63	-
	51	Residential	70	63	54	63	-
	52	Residential	70	63	54	63	-
	53	Residential	70	63	54	63	-
	54	Residential	70	63	54	63	-
	55	Residential	70	63	54	63	-
	56	Residential	70	63	54	63	-
P-PU1-R-T02_02	1	Residential	70	66	26	66	-
	2	Residential	70	66	26	66	-
	3	Residential	70	66	26	66	-
	4	Residential	70	66	27	66	-
	5	Residential	70	66	29	66	-
	6	Residential	70	66	30	66	-
	7	Residential	70	66	30	66	-
	8	Residential	70	66	30	66	-
	9	Residential	70	66	30	66	-
	10	Residential	70	66	30	66	-
	11	Residential	70	66	30	66	-
	12	Residential	70	66	30	66	-
	13	Residential	70	65	30	65	-
	14	Residential	70	65	31	65	-
	15	Residential	70	65	31	65	-
	16	Residential	70	65	31	65	-
	17	Residential	70	65	31	65	-
	18	Residential	70	65	31	65	-
	19	Residential	70	65	31	65	-
	20	Residential	70	65	31	65	-
	21	Residential	70	65	32	65	-
	22	Residential	70	64	32	64	-
	23	Residential	70	64	32	64	-
	24	Residential	70	64	32	64	-
	25	Residential	70	64	32	64	-
26	Residential	70	64	32	64	-	
27	Residential	70	64	32	64	-	
28	Residential	70	64	33	64	-	
29	Residential	70	64	33	64	-	
30	Residential	70	64	34	64	-	
31	Residential	70	64	35	64	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T02_02	32	Residential	70	64	36	64	-
	33	Residential	70	64	37	64	-
	34	Residential	70	63	39	63	-
	35	Residential	70	63	41	63	-
	36	Residential	70	63	43	63	-
	37	Residential	70	63	45	63	-
	38	Residential	70	63	46	63	-
	39	Residential	70	63	47	63	-
	40	Residential	70	63	48	63	-
	41	Residential	70	63	48	63	-
	42	Residential	70	63	48	63	-
	43	Residential	70	63	48	63	-
	44	Residential	70	63	48	63	-
	45	Residential	70	63	49	63	-
	46	Residential	70	63	49	63	-
	47	Residential	70	63	49	63	-
	48	Residential	70	63	49	63	-
	49	Residential	70	63	50	63	-
	50	Residential	70	63	50	63	-
	51	Residential	70	63	51	63	-
52	Residential	70	63	51	63	-	
53	Residential	70	63	51	63	-	
54	Residential	70	63	51	63	-	
55	Residential	70	63	51	63	-	
56	Residential	70	63	51	63	-	
P-PU1-R-T02_03	1	Residential	70	68	27	68	-
	2	Residential	70	68	26	68	-
	3	Residential	70	69	26	69	-
	4	Residential	70	69	26	69	-
	5	Residential	70	69	26	69	-
	6	Residential	70	69	26	69	-
	7	Residential	70	69	26	69	-
	8	Residential	70	69	26	69	-
	9	Residential	70	69	26	69	-
	10	Residential	70	69	26	69	-
	11	Residential	70	69	26	69	-
	12	Residential	70	69	26	69	-
	13	Residential	70	69	26	69	-
	14	Residential	70	69	25	69	-
	15	Residential	70	68	25	68	-
	16	Residential	70	68	25	68	-
	17	Residential	70	68	25	68	-
	18	Residential	70	68	25	68	-
	19	Residential	70	68	25	68	-
	20	Residential	70	68	25	68	-
	21	Residential	70	68	25	68	-
	22	Residential	70	68	25	68	-
	23	Residential	70	67	25	67	-
	24	Residential	70	67	25	67	-
	25	Residential	70	67	25	67	-
	26	Residential	70	67	25	67	-
	27	Residential	70	67	27	67	-
	28	Residential	70	67	28	67	-
	29	Residential	70	67	30	67	-
	30	Residential	70	67	32	67	-
	31	Residential	70	67	35	67	-
	32	Residential	70	67	37	67	-
	33	Residential	70	66	41	66	-
34	Residential	70	66	43	66	-	
35	Residential	70	66	44	66	-	
36	Residential	70	66	45	66	-	
37	Residential	70	66	47	66	-	
38	Residential	70	66	49	66	-	
39	Residential	70	66	50	66	-	
40	Residential	70	66	50	66	-	
41	Residential	70	66	51	66	-	
42	Residential	70	66	51	66	-	
43	Residential	70	66	51	66	-	
44	Residential	70	66	51	66	-	
45	Residential	70	66	51	66	-	
46	Residential	70	66	51	66	-	
47	Residential	70	66	51	66	-	
48	Residential	70	66	51	66	-	
49	Residential	70	66	51	66	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T02_03	50	Residential	70	66	51	66	-
	51	Residential	70	66	51	66	-
	52	Residential	70	66	52	66	-
	53	Residential	70	66	52	66	-
	54	Residential	70	65	52	66	-
	55	Residential	70	65	52	66	-
	56	Residential	70	65	52	66	-
P-PU1-R-T02_04	1	Residential	70	56	0	56	-
	2	Residential	70	59	0	59	-
	3	Residential	70	61	0	61	-
	4	Residential	70	64	0	64	-
	5	Residential	70	66	0	66	-
	6	Residential	70	67	0	67	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	64	0	64	-
	47	Residential	70	64	0	64	-
	48	Residential	70	64	0	64	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	63	0	63	-
	53	Residential	70	63	0	63	-
	54	Residential	70	63	0	63	-
	55	Residential	70	63	0	63	-
	56	Residential	70	63	0	63	-
P-PU1-R-T02_05	1	Residential	70	57	0	57	-
	2	Residential	70	60	0	60	-
	3	Residential	70	62	0	62	-
	4	Residential	70	64	0	64	-
	5	Residential	70	65	0	65	-
	6	Residential	70	66	0	66	-
	7	Residential	70	67	0	67	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	68	0	68	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T02_05	12	Residential	70	68	0	68	-
	13	Residential	70	68	0	68	-
	14	Residential	70	68	0	68	-
	15	Residential	70	68	0	68	-
	16	Residential	70	68	0	68	-
	17	Residential	70	68	0	68	-
	18	Residential	70	67	0	67	-
	19	Residential	70	67	0	67	-
	20	Residential	70	67	0	67	-
	21	Residential	70	67	0	67	-
	22	Residential	70	67	0	67	-
	23	Residential	70	67	0	67	-
	24	Residential	70	67	0	67	-
	25	Residential	70	67	0	67	-
	26	Residential	70	67	0	67	-
	27	Residential	70	67	0	67	-
	28	Residential	70	67	0	67	-
	29	Residential	70	66	0	66	-
	30	Residential	70	66	0	66	-
	31	Residential	70	66	0	66	-
	32	Residential	70	66	0	66	-
	33	Residential	70	66	0	66	-
	34	Residential	70	66	0	66	-
	35	Residential	70	66	0	66	-
	36	Residential	70	66	0	66	-
	37	Residential	70	66	0	66	-
	38	Residential	70	66	0	66	-
	39	Residential	70	66	0	66	-
	40	Residential	70	66	0	66	-
	41	Residential	70	65	0	65	-
	42	Residential	70	65	0	65	-
	43	Residential	70	65	0	65	-
	44	Residential	70	65	0	65	-
	45	Residential	70	65	0	65	-
46	Residential	70	65	0	65	-	
47	Residential	70	65	0	65	-	
48	Residential	70	65	0	65	-	
49	Residential	70	65	0	65	-	
50	Residential	70	65	0	65	-	
51	Residential	70	65	0	65	-	
52	Residential	70	65	0	65	-	
53	Residential	70	65	0	65	-	
54	Residential	70	65	0	65	-	
55	Residential	70	65	0	65	-	
56	Residential	70	65	0	65	-	
P-PU1-R-T03_01	1	Residential	70	44	19	44	-
	2	Residential	70	47	19	47	-
	3	Residential	70	49	19	49	-
	4	Residential	70	51	19	51	-
	5	Residential	70	52	19	52	-
	6	Residential	70	54	19	54	-
	7	Residential	70	55	19	55	-
	8	Residential	70	58	19	58	-
	9	Residential	70	60	19	60	-
	10	Residential	70	61	19	61	-
	11	Residential	70	63	19	63	-
	12	Residential	70	64	19	64	-
	13	Residential	70	65	19	65	-
	14	Residential	70	66	19	66	-
	15	Residential	70	66	19	66	-
	16	Residential	70	67	18	67	-
	17	Residential	70	67	18	67	-
	18	Residential	70	67	18	67	-
	19	Residential	70	67	18	67	-
	20	Residential	70	67	18	67	-
	21	Residential	70	67	18	67	-
	22	Residential	70	67	18	67	-
	23	Residential	70	67	18	67	-
	24	Residential	70	67	18	67	-
	25	Residential	70	67	18	67	-
	26	Residential	70	67	18	67	-
	27	Residential	70	67	18	67	-
	28	Residential	70	66	18	66	-
	29	Residential	70	66	18	66	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T03_01	30	Residential	70	66	18	66	-
	31	Residential	70	66	17	66	-
	32	Residential	70	66	17	66	-
	33	Residential	70	66	17	66	-
	34	Residential	70	66	17	66	-
	35	Residential	70	66	17	66	-
	36	Residential	70	66	17	66	-
	37	Residential	70	66	17	66	-
	38	Residential	70	66	17	66	-
	39	Residential	70	66	17	66	-
	40	Residential	70	66	17	66	-
	41	Residential	70	65	17	65	-
	42	Residential	70	65	17	65	-
	43	Residential	70	65	17	65	-
	44	Residential	70	65	17	65	-
	45	Residential	70	65	17	65	-
	46	Residential	70	65	17	65	-
	47	Residential	70	65	17	65	-
	48	Residential	70	65	17	65	-
	49	Residential	70	65	17	65	-
	50	Residential	70	65	17	65	-
	51	Residential	70	65	17	65	-
	52	Residential	70	65	17	65	-
	53	Residential	70	65	17	65	-
	54	Residential	70	65	17	65	-
	55	Residential	70	65	16	65	-
	56	Residential	70	64	16	64	-
	57	Residential	70	64	16	64	-
	58	Residential	70	64	16	64	-
	59	Residential	70	64	16	64	-
	60	Residential	70	64	16	64	-
	61	Residential	70	64	16	64	-
P-PU1-R-T04_01	1	Residential	70	58	45	58	-
	2	Residential	70	62	47	62	-
	3	Residential	70	64	48	64	-
	4	Residential	70	65	48	65	-
	5	Residential	70	66	48	66	-
	6	Residential	70	66	48	66	-
	7	Residential	70	66	48	66	-
	8	Residential	70	66	48	66	-
	9	Residential	70	66	48	66	-
	10	Residential	70	66	48	66	-
	11	Residential	70	66	48	66	-
	12	Residential	70	66	48	66	-
	13	Residential	70	65	48	65	-
	14	Residential	70	65	48	65	-
	15	Residential	70	65	47	65	-
	16	Residential	70	65	47	65	-
	17	Residential	70	65	47	65	-
	18	Residential	70	65	47	65	-
	19	Residential	70	65	47	65	-
	20	Residential	70	65	47	65	-
	21	Residential	70	65	47	65	-
	22	Residential	70	64	47	64	-
	23	Residential	70	64	47	64	-
	24	Residential	70	64	47	64	-
	25	Residential	70	64	47	64	-
	26	Residential	70	64	47	64	-
	27	Residential	70	64	47	64	-
	28	Residential	70	64	47	64	-
	29	Residential	70	64	47	64	-
	30	Residential	70	64	47	64	-
	31	Residential	70	64	47	64	-
	32	Residential	70	63	47	64	-
33	Residential	70	63	47	63	-	
34	Residential	70	63	47	63	-	
35	Residential	70	63	47	63	-	
36	Residential	70	63	47	63	-	
37	Residential	70	63	47	63	-	
38	Residential	70	63	47	63	-	
39	Residential	70	63	46	63	-	
40	Residential	70	63	46	63	-	
41	Residential	70	63	46	63	-	
42	Residential	70	63	46	63	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T04_01	43	Residential	70	63	46	63	-
	44	Residential	70	62	46	63	-
	45	Residential	70	62	46	62	-
	46	Residential	70	62	46	62	-
	47	Residential	70	62	46	62	-
	48	Residential	70	62	46	62	-
	49	Residential	70	62	46	62	-
	50	Residential	70	62	46	62	-
	51	Residential	70	62	46	62	-
	52	Residential	70	62	46	62	-
	53	Residential	70	62	46	62	-
	54	Residential	70	62	46	62	-
	55	Residential	70	62	46	62	-
56	Residential	70	62	46	62	-	
P-PU1-R-T04_02	1	Residential	70	70	49	70	-
	2	Residential	70	66	45	66	AW [2]
	3	Residential	70	66	45	66	AW [2]
	4	Residential	70	66	45	66	AW [2]
	5	Residential	70	66	45	66	AW [2]
	6	Residential	70	66	45	66	AW [2]
	7	Residential	70	70	50	70	-
	8	Residential	70	70	50	70	-
	9	Residential	70	70	50	70	-
	10	Residential	70	70	50	70	-
	11	Residential	70	70	50	70	-
	12	Residential	70	70	50	70	-
	13	Residential	70	70	50	70	-
	14	Residential	70	70	50	70	-
	15	Residential	70	69	50	70	-
	16	Residential	70	69	50	69	-
	17	Residential	70	69	50	69	-
	18	Residential	70	69	50	69	-
	19	Residential	70	69	50	69	-
	20	Residential	70	69	50	69	-
	21	Residential	70	69	50	69	-
	22	Residential	70	69	50	69	-
	23	Residential	70	68	50	69	-
	24	Residential	70	68	50	68	-
	25	Residential	70	68	50	68	-
	26	Residential	70	68	50	68	-
	27	Residential	70	68	50	68	-
	28	Residential	70	68	50	68	-
	29	Residential	70	68	50	68	-
	30	Residential	70	68	50	68	-
	31	Residential	70	68	50	68	-
	32	Residential	70	67	49	68	-
	33	Residential	70	67	49	67	-
	34	Residential	70	67	49	67	-
	35	Residential	70	67	49	67	-
	36	Residential	70	67	49	67	-
	37	Residential	70	67	49	67	-
	38	Residential	70	67	49	67	-
	39	Residential	70	67	49	67	-
	40	Residential	70	67	49	67	-
	41	Residential	70	67	49	67	-
	42	Residential	70	67	49	67	-
	43	Residential	70	67	49	67	-
	44	Residential	70	66	49	67	-
	45	Residential	70	66	49	66	-
	46	Residential	70	66	49	66	-
	47	Residential	70	66	49	66	-
	48	Residential	70	66	49	66	-
	49	Residential	70	66	49	66	-
	50	Residential	70	66	49	66	-
	51	Residential	70	66	49	66	-
	52	Residential	70	66	49	66	-
	53	Residential	70	66	49	66	-
	54	Residential	70	66	49	66	-
	55	Residential	70	66	49	66	-
	56	Residential	70	66	49	66	-
P-PU1-R-T04_03	1	Residential	70	66	0	66	-
	2	Residential	70	68	0	68	-
	3	Residential	70	69	0	69	-
	4	Residential	70	69	0	69	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks	
				Project Roads	Other Roads	Overall Noise Level		
P-PU1-R-T04_03	5	Residential	70	70	0	70	-	
	6	Residential	70	70	0	70	-	
	7	Residential	70	70	0	70	-	
	8	Residential	70	70	0	70	-	
	9	Residential	70	69	0	69	-	
	10	Residential	70	69	0	69	-	
	11	Residential	70	69	0	69	-	
	12	Residential	70	69	0	69	-	
	13	Residential	70	69	0	69	-	
	14	Residential	70	69	0	69	-	
	15	Residential	70	69	0	69	-	
	16	Residential	70	69	0	69	-	
	17	Residential	70	69	0	69	-	
	18	Residential	70	68	0	68	-	
	19	Residential	70	68	0	68	-	
	20	Residential	70	68	0	68	-	
	21	Residential	70	68	0	68	-	
	22	Residential	70	68	0	68	-	
	23	Residential	70	68	0	68	-	
	24	Residential	70	68	0	68	-	
	25	Residential	70	68	0	68	-	
	26	Residential	70	68	0	68	-	
	27	Residential	70	67	0	67	-	
	28	Residential	70	67	0	67	-	
	29	Residential	70	67	0	67	-	
	30	Residential	70	67	0	67	-	
	31	Residential	70	67	0	67	-	
	32	Residential	70	67	0	67	-	
	33	Residential	70	67	0	67	-	
	34	Residential	70	67	0	67	-	
	35	Residential	70	67	0	67	-	
	36	Residential	70	67	0	67	-	
	37	Residential	70	66	0	66	-	
	38	Residential	70	66	0	66	-	
	39	Residential	70	66	0	66	-	
	40	Residential	70	66	0	66	-	
	41	Residential	70	66	0	66	-	
	42	Residential	70	66	0	66	-	
	43	Residential	70	66	0	66	-	
	44	Residential	70	66	0	66	-	
	45	Residential	70	66	0	66	-	
	46	Residential	70	66	0	66	-	
	47	Residential	70	66	0	66	-	
	48	Residential	70	66	0	66	-	
	49	Residential	70	66	0	66	-	
	50	Residential	70	65	0	65	-	
	51	Residential	70	65	0	65	-	
	52	Residential	70	65	0	65	-	
	53	Residential	70	65	0	65	-	
	54	Residential	70	65	0	65	-	
	55	Residential	70	65	0	65	-	
	56	Residential	70	65	0	65	-	
	P-PU1-R-T04_04	1	Residential	70	70	0	70	-
		2	Residential	70	70	0	70	-
		3	Residential	70	70	0	70	-
		4	Residential	70	70	0	70	-
5		Residential	70	69	0	69	-	
6		Residential	70	69	0	69	-	
7		Residential	70	69	0	69	-	
8		Residential	70	69	0	69	-	
9		Residential	70	69	0	69	-	
10		Residential	70	69	0	69	-	
11		Residential	70	69	0	69	-	
12		Residential	70	69	0	69	-	
13		Residential	70	69	0	69	-	
14		Residential	70	68	0	68	-	
15		Residential	70	68	0	68	-	
16		Residential	70	68	0	68	-	
17		Residential	70	68	0	68	-	
18		Residential	70	68	0	68	-	
19		Residential	70	68	0	68	-	
20		Residential	70	68	0	68	-	
21		Residential	70	68	0	68	-	
22		Residential	70	68	0	68	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU1-R-T04_04	23	Residential	70	67	0	67	-
	24	Residential	70	67	0	67	-
	25	Residential	70	67	0	67	-
	26	Residential	70	67	0	67	-
	27	Residential	70	67	0	67	-
	28	Residential	70	67	0	67	-
	29	Residential	70	67	0	67	-
	30	Residential	70	67	0	67	-
	31	Residential	70	67	0	67	-
	32	Residential	70	67	0	67	-
	33	Residential	70	67	0	67	-
	34	Residential	70	66	0	66	-
	35	Residential	70	66	0	66	-
	36	Residential	70	66	0	66	-
	37	Residential	70	66	0	66	-
	38	Residential	70	66	0	66	-
	39	Residential	70	66	0	66	-
	40	Residential	70	66	0	66	-
	41	Residential	70	66	0	66	-
	42	Residential	70	66	0	66	-
	43	Residential	70	66	0	66	-
	44	Residential	70	66	0	66	-
	45	Residential	70	66	0	66	-
	46	Residential	70	66	0	66	-
	47	Residential	70	65	0	65	-
	48	Residential	70	65	0	65	-
	49	Residential	70	65	0	65	-
	50	Residential	70	65	0	65	-
	51	Residential	70	65	0	65	-
	52	Residential	70	65	0	65	-
	53	Residential	70	65	0	65	-
	54	Residential	70	65	0	65	-
	55	Residential	70	65	0	65	-
	56	Residential	70	65	0	65	-
P-PU2-R-T01_01	1	Residential	70	66	36	66	-
	2	Residential	70	66	36	66	-
	3	Residential	70	66	36	66	-
	4	Residential	70	66	36	66	-
	5	Residential	70	66	36	66	-
	6	Residential	70	66	36	66	-
	7	Residential	70	65	36	65	-
	8	Residential	70	65	36	65	-
	9	Residential	70	65	36	65	-
	10	Residential	70	65	36	65	-
	11	Residential	70	65	36	65	-
	12	Residential	70	65	36	65	-
	13	Residential	70	65	36	65	-
	14	Residential	70	64	36	64	-
	15	Residential	70	64	36	64	-
	16	Residential	70	64	36	64	-
	17	Residential	70	64	36	64	-
	18	Residential	70	64	36	64	-
	19	Residential	70	64	36	64	-
	20	Residential	70	64	36	64	-
	21	Residential	70	63	36	63	-
	22	Residential	70	63	36	63	-
	23	Residential	70	63	36	63	-
	24	Residential	70	63	36	63	-
	25	Residential	70	63	37	63	-
	26	Residential	70	63	37	63	-
	27	Residential	70	63	38	63	-
	28	Residential	70	63	38	63	-
	29	Residential	70	63	39	63	-
	30	Residential	70	62	40	62	-
	31	Residential	70	62	41	62	-
	32	Residential	70	62	43	62	-
	33	Residential	70	62	45	62	-
	34	Residential	70	62	48	62	-
35	Residential	70	62	51	62	-	
36	Residential	70	62	53	62	-	
37	Residential	70	62	54	63	-	
38	Residential	70	62	55	63	-	
39	Residential	70	62	56	63	-	
40	Residential	70	62	56	63	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU2-R-T01_01	41	Residential	70	62	57	63	-
	42	Residential	70	62	57	63	-
	43	Residential	70	62	58	63	-
	44	Residential	70	61	58	63	-
	45	Residential	70	61	58	63	-
	46	Residential	70	62	58	63	-
	47	Residential	70	62	58	63	-
	48	Residential	70	62	58	63	-
	49	Residential	70	62	58	63	-
	50	Residential	70	62	58	63	-
	51	Residential	70	62	58	63	-
	52	Residential	70	62	58	63	-
	53	Residential	70	62	58	63	-
	54	Residential	70	62	58	63	-
	55	Residential	70	62	58	64	-
	56	Residential	70	62	58	64	-
P-PU2-R-T01_02	1	Residential	70	68	31	68	-
	2	Residential	70	68	32	68	-
	3	Residential	70	68	32	68	-
	4	Residential	70	67	33	67	-
	5	Residential	70	67	33	67	-
	6	Residential	70	67	33	67	-
	7	Residential	70	67	33	67	-
	8	Residential	70	67	33	67	-
	9	Residential	70	66	33	66	-
	10	Residential	70	66	33	66	-
	11	Residential	70	66	33	66	-
	12	Residential	70	66	33	66	-
	13	Residential	70	66	33	66	-
	14	Residential	70	65	33	65	-
	15	Residential	70	65	33	65	-
	16	Residential	70	65	33	65	-
	17	Residential	70	65	33	65	-
	18	Residential	70	65	33	65	-
	19	Residential	70	65	34	65	-
	20	Residential	70	65	34	65	-
	21	Residential	70	64	34	64	-
	22	Residential	70	64	34	64	-
	23	Residential	70	64	34	64	-
	24	Residential	70	64	34	64	-
	25	Residential	70	64	34	64	-
	26	Residential	70	64	34	64	-
	27	Residential	70	64	34	64	-
	28	Residential	70	64	35	64	-
	29	Residential	70	64	35	64	-
	30	Residential	70	64	35	64	-
	31	Residential	70	63	35	63	-
	32	Residential	70	63	35	63	-
	33	Residential	70	63	35	63	-
	34	Residential	70	63	35	63	-
	35	Residential	70	63	35	63	-
	36	Residential	70	63	36	63	-
	37	Residential	70	63	36	63	-
	38	Residential	70	63	36	63	-
	39	Residential	70	63	36	63	-
	40	Residential	70	63	36	63	-
	41	Residential	70	63	36	63	-
	42	Residential	70	62	36	62	-
	43	Residential	70	62	36	62	-
	44	Residential	70	62	36	62	-
	45	Residential	70	62	36	62	-
	46	Residential	70	62	36	62	-
	47	Residential	70	62	36	62	-
	48	Residential	70	62	36	62	-
	49	Residential	70	62	36	62	-
	50	Residential	70	62	36	62	-
	51	Residential	70	62	36	62	-
	52	Residential	70	62	36	62	-
	53	Residential	70	62	36	62	-
	54	Residential	70	62	36	62	-
	55	Residential	70	62	36	62	-
	56	Residential	70	62	36	62	-
P-PU2-R-T02_01	1	Residential	70	66	0	66	-
	2	Residential	70	66	0	66	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks	
				Project Roads	Other Roads	Overall Noise Level		
P-PU2-R-T02_01	3	Residential	70	65	0	65	-	
	4	Residential	70	65	0	65	-	
	5	Residential	70	65	0	65	-	
	6	Residential	70	65	0	65	-	
	7	Residential	70	65	0	65	-	
	8	Residential	70	65	0	65	-	
	9	Residential	70	65	0	65	-	
	10	Residential	70	64	0	64	-	
	11	Residential	70	64	0	64	-	
	12	Residential	70	64	0	64	-	
	13	Residential	70	64	0	64	-	
	14	Residential	70	64	0	64	-	
	15	Residential	70	64	0	64	-	
	16	Residential	70	64	0	64	-	
	17	Residential	70	64	0	64	-	
	18	Residential	70	64	0	64	-	
	19	Residential	70	64	0	64	-	
	20	Residential	70	64	0	64	-	
	21	Residential	70	63	0	63	-	
	22	Residential	70	63	0	63	-	
	23	Residential	70	63	0	63	-	
	24	Residential	70	63	0	63	-	
	25	Residential	70	63	0	63	-	
	26	Residential	70	63	0	63	-	
	27	Residential	70	63	0	63	-	
	28	Residential	70	63	0	63	-	
	29	Residential	70	63	0	63	-	
	30	Residential	70	63	0	63	-	
	31	Residential	70	63	0	63	-	
	32	Residential	70	62	0	62	-	
	33	Residential	70	62	0	62	-	
	34	Residential	70	62	0	62	-	
	35	Residential	70	62	0	62	-	
	36	Residential	70	62	0	62	-	
	37	Residential	70	62	0	62	-	
	38	Residential	70	62	0	62	-	
	39	Residential	70	62	0	62	-	
	40	Residential	70	62	0	62	-	
	41	Residential	70	62	0	62	-	
	42	Residential	70	62	0	62	-	
	43	Residential	70	62	0	62	-	
	44	Residential	70	62	0	62	-	
	45	Residential	70	62	0	62	-	
	46	Residential	70	61	0	61	-	
	47	Residential	70	61	0	61	-	
	48	Residential	70	61	0	61	-	
	49	Residential	70	61	0	61	-	
	50	Residential	70	61	0	61	-	
	51	Residential	70	61	0	61	-	
	52	Residential	70	61	0	61	-	
	53	Residential	70	61	0	61	-	
	54	Residential	70	61	0	61	-	
	55	Residential	70	61	0	61	-	
	56	Residential	70	61	0	61	-	
	P-PU2-R-T03_01	1	Residential	70	63	0	63	-
		2	Residential	70	63	0	63	-
3		Residential	70	62	0	62	-	
4		Residential	70	62	0	62	-	
5		Residential	70	62	0	62	-	
6		Residential	70	63	0	63	-	
7		Residential	70	63	0	63	-	
8		Residential	70	63	0	63	-	
9		Residential	70	63	0	63	-	
10		Residential	70	63	0	63	-	
11		Residential	70	64	0	64	-	
12		Residential	70	64	0	64	-	
13		Residential	70	64	0	64	-	
14		Residential	70	64	0	64	-	
15		Residential	70	64	0	64	-	
16		Residential	70	64	0	64	-	
17		Residential	70	64	0	64	-	
18		Residential	70	64	0	64	-	
19		Residential	70	64	0	64	-	
20		Residential	70	64	0	64	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU2-R-T03_01	21	Residential	70	63	0	63	-
	22	Residential	70	63	0	63	-
	23	Residential	70	63	0	63	-
	24	Residential	70	63	0	63	-
	25	Residential	70	63	0	63	-
	26	Residential	70	63	0	63	-
	27	Residential	70	63	0	63	-
	28	Residential	70	63	0	63	-
	29	Residential	70	63	0	63	-
	30	Residential	70	63	0	63	-
	31	Residential	70	63	0	63	-
	32	Residential	70	63	0	63	-
	33	Residential	70	63	0	63	-
	34	Residential	70	63	0	63	-
	35	Residential	70	63	0	63	-
	36	Residential	70	63	0	63	-
	37	Residential	70	63	0	63	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	62	0	62	-
	44	Residential	70	62	0	62	-
	45	Residential	70	62	0	62	-
	46	Residential	70	62	0	62	-
	47	Residential	70	62	0	62	-
	48	Residential	70	62	0	62	-
	49	Residential	70	62	0	62	-
	50	Residential	70	62	0	62	-
	51	Residential	70	62	0	62	-
	52	Residential	70	62	0	62	-
	53	Residential	70	62	0	62	-
	54	Residential	70	62	0	62	-
55	Residential	70	62	0	62	-	
56	Residential	70	62	0	62	-	
P-PU2-R-T04_01	1	Residential	70	65	0	65	-
	2	Residential	70	65	0	65	-
	3	Residential	70	64	0	64	-
	4	Residential	70	64	0	64	-
	5	Residential	70	64	0	64	-
	6	Residential	70	64	0	64	-
	7	Residential	70	64	0	64	-
	8	Residential	70	64	0	64	-
	9	Residential	70	64	0	64	-
	10	Residential	70	64	0	64	-
	11	Residential	70	64	0	64	-
	12	Residential	70	64	0	64	-
	13	Residential	70	65	0	65	-
	14	Residential	70	65	0	65	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	64	0	64	-
	22	Residential	70	64	0	64	-
	23	Residential	70	64	0	64	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
33	Residential	70	64	0	64	-	
34	Residential	70	64	0	64	-	
35	Residential	70	63	0	63	-	
36	Residential	70	63	0	63	-	
37	Residential	70	63	0	63	-	
38	Residential	70	63	0	63	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU2-R-T04_01	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	62	0	62	-
	53	Residential	70	62	0	62	-
	54	Residential	70	62	0	62	-
55	Residential	70	62	0	62	-	
56	Residential	70	62	0	62	-	
P-PU2-R-T05_01	1	Residential	70	69	0	69	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	67	0	67	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	66	0	66	-
	11	Residential	70	66	0	66	-
	12	Residential	70	66	0	66	-
	13	Residential	70	66	0	66	-
	14	Residential	70	66	0	66	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	63	0	63	-
37	Residential	70	63	0	63	-	
38	Residential	70	63	0	63	-	
39	Residential	70	63	0	63	-	
40	Residential	70	63	0	63	-	
41	Residential	70	63	0	63	-	
42	Residential	70	63	0	63	-	
43	Residential	70	63	0	63	-	
44	Residential	70	63	0	63	-	
45	Residential	70	63	0	63	-	
46	Residential	70	63	0	63	-	
47	Residential	70	63	0	63	-	
48	Residential	70	63	0	63	-	
49	Residential	70	63	0	63	-	
50	Residential	70	62	0	62	-	
51	Residential	70	62	0	62	-	
52	Residential	70	62	0	62	-	
53	Residential	70	62	0	62	-	
54	Residential	70	62	0	62	-	
55	Residential	70	62	0	62	-	
56	Residential	70	62	0	62	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU2-R-T06_01	1	Residential	70	70	0	70	-
	2	Residential	70	70	0	70	-
	3	Residential	70	70	0	70	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	69	0	69	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	63	0	63	-
	53	Residential	70	63	0	63	-
	54	Residential	70	63	0	63	-
	55	Residential	70	63	0	63	-
	56	Residential	70	63	0	63	-
	57	Residential	70	63	0	63	-
	58	Residential	70	63	0	63	-
	59	Residential	70	63	0	63	-
	60	Residential	70	63	0	63	-
	61	Residential	70	63	0	63	-
P-PU3-R-T01_01	1	Residential	70	64	11	64	-
	2	Residential	70	64	11	64	-
	3	Residential	70	64	11	64	-
	4	Residential	70	64	11	64	-
	5	Residential	70	64	11	64	-
	6	Residential	70	65	11	65	-
	7	Residential	70	65	11	65	-
	8	Residential	70	65	11	65	-
	9	Residential	70	65	11	65	-
	10	Residential	70	65	11	65	-
	11	Residential	70	65	11	65	-
	12	Residential	70	65	11	65	-
	13	Residential	70	64	11	64	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU3-R-T01_01	14	Residential	70	64	11	64	-
	15	Residential	70	64	11	64	-
	16	Residential	70	64	11	64	-
	17	Residential	70	64	11	64	-
	18	Residential	70	64	11	64	-
	19	Residential	70	64	11	64	-
	20	Residential	70	64	11	64	-
	21	Residential	70	64	11	64	-
	22	Residential	70	64	11	64	-
	23	Residential	70	64	11	64	-
	24	Residential	70	64	11	64	-
	25	Residential	70	64	11	64	-
	26	Residential	70	63	11	63	-
	27	Residential	70	63	11	63	-
	28	Residential	70	63	11	63	-
	29	Residential	70	63	11	63	-
	30	Residential	70	63	11	63	-
	31	Residential	70	63	11	63	-
	32	Residential	70	63	11	63	-
	33	Residential	70	63	11	63	-
	34	Residential	70	63	11	63	-
	35	Residential	70	63	11	63	-
	36	Residential	70	63	11	63	-
	37	Residential	70	63	11	63	-
	38	Residential	70	63	11	63	-
	39	Residential	70	63	11	63	-
	40	Residential	70	63	11	63	-
	41	Residential	70	63	11	63	-
	42	Residential	70	63	10	63	-
	43	Residential	70	62	10	62	-
	44	Residential	70	62	10	62	-
	45	Residential	70	62	10	62	-
46	Residential	70	62	10	62	-	
47	Residential	70	62	10	62	-	
48	Residential	70	62	10	62	-	
49	Residential	70	62	10	62	-	
50	Residential	70	62	10	62	-	
51	Residential	70	62	10	62	-	
52	Residential	70	62	11	62	-	
P-PU3-R-T02_01	1	Residential	70	69	14	69	-
	2	Residential	70	69	14	69	-
	3	Residential	70	69	14	69	-
	4	Residential	70	69	14	69	-
	5	Residential	70	69	14	69	-
	6	Residential	70	69	14	69	-
	7	Residential	70	69	14	69	-
	8	Residential	70	68	14	68	-
	9	Residential	70	68	14	68	-
	10	Residential	70	68	14	68	-
	11	Residential	70	68	14	68	-
	12	Residential	70	68	14	68	-
	13	Residential	70	68	14	68	-
	14	Residential	70	68	14	68	-
	15	Residential	70	67	14	67	-
	16	Residential	70	67	14	67	-
	17	Residential	70	67	14	67	-
	18	Residential	70	67	14	67	-
	19	Residential	70	67	14	67	-
	20	Residential	70	67	14	67	-
	21	Residential	70	67	14	67	-
	22	Residential	70	67	14	67	-
	23	Residential	70	66	14	66	-
	24	Residential	70	66	14	66	-
	25	Residential	70	66	13	66	-
	26	Residential	70	66	13	66	-
	27	Residential	70	66	13	66	-
	28	Residential	70	66	13	66	-
	29	Residential	70	66	13	66	-
	30	Residential	70	66	13	66	-
	31	Residential	70	66	13	66	-
	32	Residential	70	66	13	66	-
	33	Residential	70	65	13	65	-
34	Residential	70	65	13	65	-	
35	Residential	70	65	13	65	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU3-R-T02_01	36	Residential	70	65	13	65	-
	37	Residential	70	65	13	65	-
	38	Residential	70	65	13	65	-
	39	Residential	70	65	13	65	-
	40	Residential	70	65	13	65	-
	41	Residential	70	65	13	65	-
	42	Residential	70	65	13	65	-
	43	Residential	70	65	13	65	-
	44	Residential	70	65	13	65	-
	45	Residential	70	65	13	65	-
	46	Residential	70	64	13	64	-
	47	Residential	70	64	13	64	-
	48	Residential	70	64	13	64	-
	49	Residential	70	64	13	64	-
P-PU3-R-T02_02	1	Residential	70	66	38	66	AW [2]
	2	Residential	70	66	40	66	AW [2]
	3	Residential	70	70	46	70	-
	4	Residential	70	70	46	70	-
	5	Residential	70	70	47	70	-
	6	Residential	70	70	46	70	-
	7	Residential	70	70	46	70	-
	8	Residential	70	70	46	70	-
	9	Residential	70	70	46	70	-
	10	Residential	70	70	46	70	-
	11	Residential	70	70	46	70	-
	12	Residential	70	70	46	70	-
	13	Residential	70	70	46	70	-
	14	Residential	70	69	46	70	-
	15	Residential	70	69	46	69	-
	16	Residential	70	69	46	69	-
	17	Residential	70	69	46	69	-
	18	Residential	70	69	46	69	-
	19	Residential	70	69	46	69	-
	20	Residential	70	69	46	69	-
	21	Residential	70	69	46	69	-
	22	Residential	70	69	46	69	-
	23	Residential	70	68	46	68	-
	24	Residential	70	68	46	68	-
	25	Residential	70	68	46	68	-
	26	Residential	70	68	46	68	-
	27	Residential	70	68	46	68	-
	28	Residential	70	68	46	68	-
	29	Residential	70	68	46	68	-
	30	Residential	70	68	46	68	-
	31	Residential	70	68	46	68	-
	32	Residential	70	68	46	68	-
	33	Residential	70	67	46	67	-
	34	Residential	70	67	46	67	-
35	Residential	70	67	46	67	-	
36	Residential	70	67	46	67	-	
37	Residential	70	67	46	67	-	
38	Residential	70	67	46	67	-	
39	Residential	70	67	46	67	-	
40	Residential	70	67	46	67	-	
41	Residential	70	67	46	67	-	
42	Residential	70	67	46	67	-	
43	Residential	70	67	46	67	-	
44	Residential	70	66	45	67	-	
45	Residential	70	66	45	66	-	
46	Residential	70	66	45	66	-	
47	Residential	70	66	45	66	-	
48	Residential	70	66	45	66	-	
49	Residential	70	66	45	66	-	
50	Residential	70	66	45	66	-	
51	Residential	70	66	45	66	-	
52	Residential	70	66	45	66	-	
P-PU3-R-T02_03	1	Residential	70	69	44	69	-
	2	Residential	70	69	45	69	-
	3	Residential	70	69	46	69	-
	4	Residential	70	69	46	69	-
	5	Residential	70	69	46	69	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks	
				Project Roads	Other Roads	Overall Noise Level		
P-PU3-R-T02_03	6	Residential	70	69	46	69	-	
	7	Residential	70	69	46	69	-	
	8	Residential	70	69	46	69	-	
	9	Residential	70	69	46	69	-	
	10	Residential	70	69	46	69	-	
	11	Residential	70	68	46	68	-	
	12	Residential	70	68	46	68	-	
	13	Residential	70	68	46	68	-	
	14	Residential	70	68	46	68	-	
	15	Residential	70	68	46	68	-	
	16	Residential	70	68	46	68	-	
	17	Residential	70	68	46	68	-	
	18	Residential	70	68	46	68	-	
	19	Residential	70	67	46	67	-	
	20	Residential	70	67	46	67	-	
	21	Residential	70	67	46	67	-	
	22	Residential	70	67	46	67	-	
	23	Residential	70	67	46	67	-	
	24	Residential	70	67	46	67	-	
	25	Residential	70	67	46	67	-	
	26	Residential	70	67	46	67	-	
	27	Residential	70	67	46	67	-	
	28	Residential	70	67	46	67	-	
	29	Residential	70	66	46	66	-	
	30	Residential	70	66	46	66	-	
	31	Residential	70	66	45	66	-	
	32	Residential	70	66	45	66	-	
	33	Residential	70	66	45	66	-	
	34	Residential	70	66	45	66	-	
	35	Residential	70	66	45	66	-	
	36	Residential	70	66	45	66	-	
	37	Residential	70	66	45	66	-	
	38	Residential	70	66	45	66	-	
	39	Residential	70	66	45	66	-	
	40	Residential	70	65	45	66	-	
	41	Residential	70	65	45	65	-	
	42	Residential	70	65	45	65	-	
	43	Residential	70	65	45	65	-	
	44	Residential	70	65	45	65	-	
	45	Residential	70	65	45	65	-	
	46	Residential	70	65	45	65	-	
	47	Residential	70	65	45	65	-	
	48	Residential	70	65	45	65	-	
	49	Residential	70	65	45	65	-	
	50	Residential	70	65	45	65	-	
	51	Residential	70	65	45	65	-	
	52	Residential	70	65	45	65	-	
	P-PU3-R-T03_01	1	Residential	70	69	45	69	-
		2	Residential	70	69	45	69	-
		3	Residential	70	69	45	69	-
		4	Residential	70	69	45	69	-
		5	Residential	70	69	45	69	-
6		Residential	70	68	45	69	-	
7		Residential	70	68	45	68	-	
8		Residential	70	68	45	68	-	
9		Residential	70	68	45	68	-	
10		Residential	70	68	45	68	-	
11		Residential	70	68	45	68	-	
12		Residential	70	68	45	68	-	
13		Residential	70	68	45	68	-	
14		Residential	70	68	45	68	-	
15		Residential	70	67	45	67	-	
16		Residential	70	67	45	67	-	
17		Residential	70	67	45	67	-	
18		Residential	70	67	45	67	-	
19		Residential	70	67	45	67	-	
20		Residential	70	67	45	67	-	
21		Residential	70	67	45	67	-	
22		Residential	70	67	45	67	-	
23		Residential	70	67	45	67	-	
24		Residential	70	66	45	67	-	
25		Residential	70	66	45	66	-	
26		Residential	70	66	45	66	-	
27		Residential	70	66	45	66	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU3-R-T03_01	28	Residential	70	66	45	66	-
	29	Residential	70	66	45	66	-
	30	Residential	70	66	45	66	-
	31	Residential	70	66	45	66	-
	32	Residential	70	66	45	66	-
	33	Residential	70	66	45	66	-
	34	Residential	70	66	45	66	-
	35	Residential	70	65	45	65	-
	36	Residential	70	65	45	65	-
	37	Residential	70	65	45	65	-
	38	Residential	70	65	45	65	-
	39	Residential	70	65	45	65	-
	40	Residential	70	65	45	65	-
	41	Residential	70	65	45	65	-
	42	Residential	70	65	45	65	-
	43	Residential	70	65	45	65	-
	44	Residential	70	65	45	65	-
	45	Residential	70	65	45	65	-
	46	Residential	70	65	45	65	-
	47	Residential	70	65	45	65	-
	48	Residential	70	64	45	65	-
	49	Residential	70	64	45	64	-
	50	Residential	70	64	45	64	-
	51	Residential	70	64	45	64	-
52	Residential	70	64	45	64	-	
P-PU3-R-T03_02	1	Residential	70	67	0	67	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	66	0	66	-
	26	Residential	70	66	0	66	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	65	0	65	-
	37	Residential	70	65	0	65	-
	38	Residential	70	65	0	65	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	64	0	64	-
	47	Residential	70	64	0	64	-
	48	Residential	70	64	0	64	-
	49	Residential	70	64	0	64	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU3-R-T03_02	50	Residential	70	64	0	64	-
	51	Residential	70	64	0	64	-
	52	Residential	70	64	0	64	-
P-PU3-R-T04_01	1	Residential	70	66	12	66	-
	2	Residential	70	66	12	66	-
	3	Residential	70	66	12	66	-
	4	Residential	70	66	12	66	-
	5	Residential	70	66	12	66	-
	6	Residential	70	66	12	66	-
	7	Residential	70	67	12	67	-
	8	Residential	70	67	12	67	-
	9	Residential	70	67	12	67	-
	10	Residential	70	68	12	68	-
	11	Residential	70	68	12	68	-
	12	Residential	70	67	12	67	-
	13	Residential	70	67	12	67	-
	14	Residential	70	67	12	67	-
	15	Residential	70	67	12	67	-
	16	Residential	70	67	12	67	-
	17	Residential	70	67	12	67	-
	18	Residential	70	67	12	67	-
	19	Residential	70	67	12	67	-
	20	Residential	70	67	12	67	-
	21	Residential	70	67	12	67	-
	22	Residential	70	67	12	67	-
	23	Residential	70	67	12	67	-
	24	Residential	70	67	12	67	-
	25	Residential	70	66	12	66	-
	26	Residential	70	66	12	66	-
	27	Residential	70	66	12	66	-
	28	Residential	70	66	12	66	-
	29	Residential	70	66	11	66	-
	30	Residential	70	66	11	66	-
	31	Residential	70	66	11	66	-
	32	Residential	70	66	11	66	-
	33	Residential	70	66	11	66	-
	34	Residential	70	66	11	66	-
	35	Residential	70	66	11	66	-
	36	Residential	70	66	11	66	-
	37	Residential	70	65	11	65	-
	38	Residential	70	65	11	65	-
	39	Residential	70	65	11	65	-
	40	Residential	70	65	11	65	-
	41	Residential	70	65	11	65	-
	42	Residential	70	65	11	65	-
	43	Residential	70	65	11	65	-
	44	Residential	70	65	11	65	-
	45	Residential	70	65	11	65	-
	46	Residential	70	65	11	65	-
	47	Residential	70	65	11	65	-
	48	Residential	70	65	11	65	-
	49	Residential	70	65	11	65	-
	50	Residential	70	65	11	65	-
	51	Residential	70	64	11	64	-
	52	Residential	70	64	11	64	-
	53	Residential	70	64	11	64	-
	54	Residential	70	64	11	64	-
	55	Residential	70	64	11	64	-
	56	Residential	70	64	12	64	-
	57	Residential	70	64	13	64	-
P-PU3-R-T04_02	1	Residential	70	68	0	68	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU3-R-T04_02	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	67	0	67	-
	18	Residential	70	67	0	67	-
	19	Residential	70	67	0	67	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	66	0	66	-
	26	Residential	70	66	0	66	-
	27	Residential	70	66	0	66	-
	28	Residential	70	66	0	66	-
	29	Residential	70	66	0	66	-
	30	Residential	70	66	0	66	-
	31	Residential	70	66	0	66	-
	32	Residential	70	66	0	66	-
	33	Residential	70	66	0	66	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	65	0	65	-
	37	Residential	70	65	0	65	-
	38	Residential	70	65	0	65	-
	39	Residential	70	65	0	65	-
	40	Residential	70	65	0	65	-
	41	Residential	70	65	0	65	-
	42	Residential	70	65	0	65	-
	43	Residential	70	65	0	65	-
	44	Residential	70	65	0	65	-
	45	Residential	70	65	0	65	-
	46	Residential	70	65	0	65	-
	47	Residential	70	65	0	65	-
	48	Residential	70	65	0	65	-
	49	Residential	70	65	0	65	-
	50	Residential	70	65	0	65	-
	51	Residential	70	64	0	64	-
	52	Residential	70	64	0	64	-
	53	Residential	70	64	0	64	-
	54	Residential	70	64	0	64	-
	55	Residential	70	64	0	64	-
	56	Residential	70	64	0	64	-
	57	Residential	70	64	0	64	-
P-PU4-R-T01_01	1	Residential	70	68	0	68	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	67	0	67	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
25	Residential	70	66	0	66	-	
26	Residential	70	66	0	66	-	
27	Residential	70	65	0	65	-	
28	Residential	70	65	0	65	-	
29	Residential	70	65	0	65	-	
30	Residential	70	65	0	65	-	
31	Residential	70	65	0	65	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU4-R-T01_01	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	64	0	64	-
	47	Residential	70	64	0	64	-
	48	Residential	70	64	0	64	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	63	0	63	-
	53	Residential	70	63	0	63	-
	54	Residential	70	63	0	63	-
	55	Residential	70	63	0	63	-
	56	Residential	70	63	0	63	-
	57	Residential	70	63	0	63	-
	P-PU4-R-T01_02	1	Residential	70	70	0	70
2		Residential	70	70	0	70	-
3		Residential	70	70	0	70	-
4		Residential	70	70	0	70	-
5		Residential	70	70	0	70	-
6		Residential	70	70	0	70	-
7		Residential	70	69	0	69	-
8		Residential	70	69	0	69	-
9		Residential	70	69	0	69	-
10		Residential	70	69	0	69	-
11		Residential	70	68	0	68	-
12		Residential	70	68	0	68	-
13		Residential	70	68	0	68	-
14		Residential	70	68	0	68	-
15		Residential	70	68	0	68	-
16		Residential	70	67	0	67	-
17		Residential	70	67	0	67	-
18		Residential	70	67	0	67	-
19		Residential	70	67	0	67	-
20		Residential	70	67	0	67	-
21		Residential	70	66	0	66	-
22		Residential	70	66	0	66	-
23		Residential	70	66	0	66	-
24		Residential	70	66	0	66	-
25		Residential	70	66	0	66	-
26		Residential	70	66	0	66	-
27		Residential	70	66	0	66	-
28		Residential	70	65	0	65	-
29		Residential	70	65	0	65	-
30		Residential	70	65	0	65	-
31		Residential	70	65	0	65	-
32		Residential	70	65	0	65	-
33	Residential	70	65	0	65	-	
34	Residential	70	65	0	65	-	
35	Residential	70	65	0	65	-	
36	Residential	70	65	0	65	-	
37	Residential	70	64	0	64	-	
38	Residential	70	64	0	64	-	
39	Residential	70	64	0	64	-	
40	Residential	70	64	0	64	-	
41	Residential	70	64	0	64	-	
42	Residential	70	64	0	64	-	
43	Residential	70	64	0	64	-	
44	Residential	70	64	0	64	-	
45	Residential	70	64	0	64	-	
46	Residential	70	64	0	64	-	
47	Residential	70	63	0	63	-	
48	Residential	70	63	0	63	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU4-R-T01_02	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	63	0	63	-
	53	Residential	70	63	0	63	-
	54	Residential	70	63	0	63	-
	55	Residential	70	63	0	63	-
	56	Residential	70	63	0	63	-
P-PU4-R-T02_01	57	Residential	70	63	0	63	-
	1	Residential	70	61	11	61	-
	2	Residential	70	63	11	63	-
	3	Residential	70	65	11	65	-
	4	Residential	70	66	11	66	-
	5	Residential	70	66	11	66	-
	6	Residential	70	66	11	66	-
	7	Residential	70	66	11	66	-
	8	Residential	70	66	11	66	-
	9	Residential	70	66	11	66	-
	10	Residential	70	66	11	66	-
	11	Residential	70	65	11	65	-
	12	Residential	70	65	11	65	-
	13	Residential	70	65	11	65	-
	14	Residential	70	65	11	65	-
	15	Residential	70	65	11	65	-
	16	Residential	70	65	11	65	-
	17	Residential	70	65	11	65	-
	18	Residential	70	65	11	65	-
	19	Residential	70	65	11	65	-
	20	Residential	70	65	11	65	-
	21	Residential	70	65	11	65	-
	22	Residential	70	65	11	65	-
	23	Residential	70	65	11	65	-
	24	Residential	70	65	11	65	-
	25	Residential	70	64	11	64	-
	26	Residential	70	64	11	64	-
	27	Residential	70	64	11	64	-
	28	Residential	70	64	11	64	-
	29	Residential	70	64	11	64	-
	30	Residential	70	64	11	64	-
	31	Residential	70	64	11	64	-
	32	Residential	70	64	11	64	-
	33	Residential	70	64	11	64	-
	34	Residential	70	64	11	64	-
	35	Residential	70	64	11	64	-
	36	Residential	70	64	11	64	-
	37	Residential	70	64	11	64	-
	38	Residential	70	64	11	64	-
	39	Residential	70	63	11	63	-
	40	Residential	70	63	11	63	-
	41	Residential	70	63	11	63	-
	42	Residential	70	63	11	63	-
	43	Residential	70	63	11	63	-
	44	Residential	70	63	11	63	-
	45	Residential	70	63	10	63	-
	46	Residential	70	63	10	63	-
	47	Residential	70	63	10	63	-
	48	Residential	70	63	10	63	-
	49	Residential	70	63	10	63	-
	50	Residential	70	63	10	63	-
	51	Residential	70	63	10	63	-
52	Residential	70	63	10	63	-	
P-PU4-R-T03_01	1	Residential	70	70	0	70	-
	2	Residential	70	70	0	70	-
	3	Residential	70	70	0	70	-
	4	Residential	70	70	0	70	-
	5	Residential	70	69	0	69	-
	6	Residential	70	69	0	69	-
	7	Residential	70	69	0	69	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	68	0	68	-
	12	Residential	70	68	0	68	-
	13	Residential	70	67	0	67	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU4-R-T03_01	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	62	0	62	-
	52	Residential	70	62	0	62	-
	53	Residential	70	62	0	62	-
	54	Residential	70	62	0	62	-
	55	Residential	70	62	0	62	-
	56	Residential	70	62	0	62	-
	57	Residential	70	62	0	62	-
P-PU4-R-T03_02	1	Residential	70	67	0	67	-
	2	Residential	70	67	0	67	-
	3	Residential	70	67	0	67	-
	4	Residential	70	66	0	66	-
	5	Residential	70	66	0	66	-
	6	Residential	70	66	0	66	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	66	0	66	-
	10	Residential	70	66	0	66	-
	11	Residential	70	66	0	66	-
	12	Residential	70	66	0	66	-
	13	Residential	70	66	0	66	-
	14	Residential	70	66	0	66	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	64	0	64	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU4-R-T03_02	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	63	0	63	-
	53	Residential	70	63	0	63	-
	54	Residential	70	63	0	63	-
	55	Residential	70	63	0	63	-
	56	Residential	70	63	0	63	-
	57	Residential	70	63	0	63	-
P-PU4-R-T04_01	1	Residential	70	64	0	64	-
	2	Residential	70	66	0	66	-
	3	Residential	70	66	0	66	-
	4	Residential	70	66	0	66	-
	5	Residential	70	66	0	66	-
	6	Residential	70	65	0	65	-
	7	Residential	70	65	0	65	-
	8	Residential	70	65	0	65	-
	9	Residential	70	65	0	65	-
	10	Residential	70	65	0	65	-
	11	Residential	70	65	0	65	-
	12	Residential	70	65	0	65	-
	13	Residential	70	65	0	65	-
	14	Residential	70	65	0	65	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	64	0	64	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU4-R-T04_01	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
	52	Residential	70	63	0	63	-
P-PU5-R-T01_01	1	Residential	70	66	0	66	-
	2	Residential	70	65	0	65	-
	3	Residential	70	65	0	65	-
	4	Residential	70	65	0	65	-
	5	Residential	70	65	0	65	-
	6	Residential	70	65	0	65	-
	7	Residential	70	65	0	65	-
	8	Residential	70	65	0	65	-
	9	Residential	70	65	0	65	-
	10	Residential	70	65	0	65	-
	11	Residential	70	65	0	65	-
	12	Residential	70	65	0	65	-
	13	Residential	70	65	0	65	-
	14	Residential	70	65	0	65	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
31	Residential	70	64	0	64	-	
32	Residential	70	64	0	64	-	
33	Residential	70	64	0	64	-	
34	Residential	70	64	0	64	-	
35	Residential	70	64	0	64	-	
36	Residential	70	64	0	64	-	
37	Residential	70	64	0	64	-	
38	Residential	70	63	0	63	-	
39	Residential	70	63	0	63	-	
40	Residential	70	63	0	63	-	
41	Residential	70	63	0	63	-	
42	Residential	70	63	0	63	-	
43	Residential	70	63	0	63	-	
44	Residential	70	63	0	63	-	
45	Residential	70	63	0	63	-	
46	Residential	70	63	0	63	-	
47	Residential	70	63	0	63	-	
48	Residential	70	63	0	63	-	
49	Residential	70	63	0	63	-	
50	Residential	70	63	0	63	-	
P-PU5-R-T01_02	1	Residential	70	70	0	70	-
	2	Residential	70	69	0	69	-
	3	Residential	70	69	0	69	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU5-R-T01_02	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	63	0	63	-
	35	Residential	70	63	0	63	-
	36	Residential	70	63	0	63	-
	37	Residential	70	63	0	63	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	62	0	62	-
	45	Residential	70	62	0	62	-
	46	Residential	70	62	0	62	-
	47	Residential	70	62	0	62	-
	48	Residential	70	62	0	62	-
	49	Residential	70	62	0	62	-
	50	Residential	70	62	0	62	-
P-PU5-R-T02_01	1	Residential	70	64	0	64	-
	2	Residential	70	64	0	64	-
	3	Residential	70	64	0	64	-
	4	Residential	70	64	0	64	-
	5	Residential	70	64	0	64	-
	6	Residential	70	65	0	65	-
	7	Residential	70	65	0	65	-
	8	Residential	70	65	0	65	-
	9	Residential	70	65	0	65	-
	10	Residential	70	65	0	65	-
	11	Residential	70	65	0	65	-
	12	Residential	70	65	0	65	-
	13	Residential	70	65	0	65	-
	14	Residential	70	65	0	65	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
34	Residential	70	64	0	64	-	
35	Residential	70	64	0	64	-	
36	Residential	70	64	0	64	-	
37	Residential	70	64	0	64	-	
38	Residential	70	64	0	64	-	
39	Residential	70	64	0	64	-	
40	Residential	70	64	0	64	-	
41	Residential	70	64	0	64	-	
42	Residential	70	64	0	64	-	
43	Residential	70	64	0	64	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU5-R-T02_01	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
P-PU5-R-T02_02	1	Residential	70	65	0	65	-
	2	Residential	70	67	0	67	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	67	0	67	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	67	0	67	-
	18	Residential	70	67	0	67	-
	19	Residential	70	67	0	67	-
	20	Residential	70	67	0	67	-
	21	Residential	70	67	0	67	-
	22	Residential	70	67	0	67	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	66	0	66	-
	26	Residential	70	66	0	66	-
	27	Residential	70	66	0	66	-
	28	Residential	70	66	0	66	-
	29	Residential	70	66	0	66	-
	30	Residential	70	66	0	66	-
	31	Residential	70	66	0	66	-
	32	Residential	70	66	0	66	-
33	Residential	70	66	0	66	-	
34	Residential	70	66	0	66	-	
35	Residential	70	66	0	66	-	
36	Residential	70	66	0	66	-	
37	Residential	70	65	0	65	-	
38	Residential	70	65	0	65	-	
39	Residential	70	65	0	65	-	
40	Residential	70	65	0	65	-	
41	Residential	70	65	0	65	-	
42	Residential	70	65	0	65	-	
43	Residential	70	65	0	65	-	
44	Residential	70	65	0	65	-	
45	Residential	70	65	0	65	-	
46	Residential	70	65	0	65	-	
47	Residential	70	65	0	65	-	
48	Residential	70	65	0	65	-	
49	Residential	70	65	0	65	-	
50	Residential	70	65	0	65	-	
P-PU5-R-T03_01	1	Residential	70	70	0	70	-
	2	Residential	70	70	0	70	-
	3	Residential	70	70	0	70	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	69	0	69	-
	7	Residential	70	69	0	69	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	68	0	68	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	66	0	66	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU5-R-T03_01	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	62	0	62	-
	49	Residential	70	62	0	62	-
	50	Residential	70	62	0	62	-
P-PU5-R-T03_02	1	Residential	70	69	0	69	-
	2	Residential	70	69	0	69	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	64	0	64	-
34	Residential	70	64	0	64	-	
35	Residential	70	64	0	64	-	
36	Residential	70	64	0	64	-	
37	Residential	70	64	0	64	-	
38	Residential	70	64	0	64	-	
39	Residential	70	64	0	64	-	
40	Residential	70	64	0	64	-	
41	Residential	70	64	0	64	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU5-R-T03_02	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
P-PU5-R-T04_01	1	Residential	70	66	0	66	-
	2	Residential	70	67	0	67	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	68	0	68	-
	12	Residential	70	68	0	68	-
	13	Residential	70	68	0	68	-
	14	Residential	70	68	0	68	-
	15	Residential	70	68	0	68	-
	16	Residential	70	67	0	67	-
	17	Residential	70	67	0	67	-
	18	Residential	70	67	0	67	-
	19	Residential	70	67	0	67	-
	20	Residential	70	67	0	67	-
	21	Residential	70	67	0	67	-
	22	Residential	70	67	0	67	-
	23	Residential	70	67	0	67	-
	24	Residential	70	67	0	67	-
	25	Residential	70	67	0	67	-
	26	Residential	70	67	0	67	-
	27	Residential	70	67	0	67	-
	28	Residential	70	67	0	67	-
	29	Residential	70	67	0	67	-
	30	Residential	70	66	0	66	-
31	Residential	70	66	0	66	-	
32	Residential	70	66	0	66	-	
33	Residential	70	66	0	66	-	
34	Residential	70	66	0	66	-	
35	Residential	70	66	0	66	-	
36	Residential	70	66	0	66	-	
37	Residential	70	66	0	66	-	
38	Residential	70	66	0	66	-	
39	Residential	70	66	0	66	-	
40	Residential	70	66	0	66	-	
41	Residential	70	66	0	66	-	
42	Residential	70	66	0	66	-	
43	Residential	70	66	0	66	-	
44	Residential	70	65	0	65	-	
45	Residential	70	65	0	65	-	
46	Residential	70	65	0	65	-	
47	Residential	70	65	0	65	-	
48	Residential	70	65	0	65	-	
49	Residential	70	65	0	65	-	
50	Residential	70	65	0	65	-	
P-PU5-R-T04_02	1	Residential	70	68	0	68	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU5-R-T04_02	16	Residential	70	67	0	67	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	66	0	66	-
	26	Residential	70	66	0	66	-
	27	Residential	70	66	0	66	-
	28	Residential	70	66	0	66	-
	29	Residential	70	66	0	66	-
	30	Residential	70	66	0	66	-
	31	Residential	70	66	0	66	-
	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	65	0	65	-
	37	Residential	70	65	0	65	-
	38	Residential	70	65	0	65	-
	39	Residential	70	65	0	65	-
	40	Residential	70	65	0	65	-
	41	Residential	70	65	0	65	-
	42	Residential	70	65	0	65	-
	43	Residential	70	65	0	65	-
	44	Residential	70	65	0	65	-
	45	Residential	70	65	0	65	-
	46	Residential	70	65	0	65	-
47	Residential	70	64	0	64	-	
48	Residential	70	64	0	64	-	
49	Residential	70	64	0	64	-	
50	Residential	70	64	0	64	-	
P-PU6-R-T01_01	1	Residential	70	63	0	63	-
	2	Residential	70	65	0	65	-
	3	Residential	70	66	0	66	-
	4	Residential	70	66	0	66	-
	5	Residential	70	66	0	66	-
	6	Residential	70	66	0	66	-
	7	Residential	70	66	0	66	-
	8	Residential	70	66	0	66	-
	9	Residential	70	66	0	66	-
	10	Residential	70	66	0	66	-
	11	Residential	70	66	0	66	-
	12	Residential	70	66	0	66	-
	13	Residential	70	66	0	66	-
	14	Residential	70	65	0	65	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	64	0	64	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
30	Residential	70	64	0	64	-	
31	Residential	70	64	0	64	-	
32	Residential	70	64	0	64	-	
33	Residential	70	63	0	63	-	
34	Residential	70	63	0	63	-	
35	Residential	70	63	0	63	-	
36	Residential	70	63	0	63	-	
37	Residential	70	63	0	63	-	
38	Residential	70	63	0	63	-	
39	Residential	70	63	0	63	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU6-R-T01_01	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	62	0	62	-
	47	Residential	70	62	0	62	-
	48	Residential	70	62	0	62	-
	49	Residential	70	62	0	62	-
P-PU6-R-T01_02	1	Residential	70	69	0	69	-
	2	Residential	70	69	0	69	-
	3	Residential	70	69	0	69	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	66	0	66	-
	14	Residential	70	66	0	66	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	63	0	63	-
	36	Residential	70	63	0	63	-
	37	Residential	70	63	0	63	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	62	0	62	-
	47	Residential	70	62	0	62	-
	48	Residential	70	62	0	62	-
	49	Residential	70	62	0	62	-
	50	Residential	70	62	0	62	-
P-PU6-R-T02_01	1	Residential	70	65	0	65	-
	2	Residential	70	67	0	67	-
	3	Residential	70	67	0	67	-
	4	Residential	70	67	0	67	-
	5	Residential	70	67	0	67	-
	6	Residential	70	67	0	67	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU6-R-T02_01	14	Residential	70	66	0	66	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	65	0	65	-
	37	Residential	70	65	0	65	-
	38	Residential	70	65	0	65	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	64	0	64	-
	47	Residential	70	64	0	64	-
	48	Residential	70	64	0	64	-
	49	Residential	70	64	0	64	-
	50	Residential	70	64	0	64	-
P-PU6-R-T02_02	1	Residential	70	65	0	65	-
	2	Residential	70	65	0	65	-
	3	Residential	70	65	0	65	-
	4	Residential	70	65	0	65	-
	5	Residential	70	65	0	65	-
	6	Residential	70	65	0	65	-
	7	Residential	70	65	0	65	-
	8	Residential	70	65	0	65	-
	9	Residential	70	65	0	65	-
	10	Residential	70	65	0	65	-
	11	Residential	70	65	0	65	-
	12	Residential	70	65	0	65	-
	13	Residential	70	65	0	65	-
	14	Residential	70	65	0	65	-
	15	Residential	70	65	0	65	-
	16	Residential	70	65	0	65	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	65	0	65	-
	35	Residential	70	65	0	65	-
	36	Residential	70	65	0	65	-
	37	Residential	70	65	0	65	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU6-R-T02_02	38	Residential	70	65	0	65	-
	39	Residential	70	65	0	65	-
	40	Residential	70	65	0	65	-
	41	Residential	70	65	0	65	-
	42	Residential	70	65	0	65	-
	43	Residential	70	65	0	65	-
	44	Residential	70	65	0	65	-
	45	Residential	70	65	0	65	-
	46	Residential	70	65	0	65	-
	47	Residential	70	64	0	64	-
	48	Residential	70	64	0	64	-
	49	Residential	70	64	0	64	-
P-PU6-R-T03_01	50	Residential	70	64	0	64	-
	1	Residential	70	70	0	70	-
	2	Residential	70	70	0	70	-
	3	Residential	70	69	0	69	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	69	0	69	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
33	Residential	70	63	0	63	-	
34	Residential	70	63	0	63	-	
35	Residential	70	63	0	63	-	
36	Residential	70	63	0	63	-	
37	Residential	70	63	0	63	-	
38	Residential	70	63	0	63	-	
39	Residential	70	63	0	63	-	
40	Residential	70	63	0	63	-	
41	Residential	70	63	0	63	-	
42	Residential	70	63	0	63	-	
43	Residential	70	62	0	62	-	
44	Residential	70	62	0	62	-	
45	Residential	70	62	0	62	-	
46	Residential	70	62	0	62	-	
47	Residential	70	62	0	62	-	
48	Residential	70	62	0	62	-	
49	Residential	70	62	0	62	-	
50	Residential	70	62	0	62	-	
P-PU6-R-T04_01	1	Residential	70	60	0	60	-
	2	Residential	70	60	0	60	-
	3	Residential	70	60	0	60	-
	4	Residential	70	60	0	60	-
	5	Residential	70	61	0	61	-
	6	Residential	70	61	0	61	-
	7	Residential	70	61	0	61	-
	8	Residential	70	61	0	61	-
	9	Residential	70	62	0	62	-
	10	Residential	70	62	0	62	-
	11	Residential	70	62	0	62	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU6-R-T04_01	12	Residential	70	62	0	62	-
	13	Residential	70	62	0	62	-
	14	Residential	70	62	0	62	-
	15	Residential	70	62	0	62	-
	16	Residential	70	63	0	63	-
	17	Residential	70	63	0	63	-
	18	Residential	70	63	0	63	-
	19	Residential	70	63	0	63	-
	20	Residential	70	63	0	63	-
	21	Residential	70	64	0	64	-
	22	Residential	70	64	0	64	-
	23	Residential	70	64	0	64	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	64	0	64	-
	44	Residential	70	64	0	64	-
	45	Residential	70	64	0	64	-
	46	Residential	70	64	0	64	-
47	Residential	70	64	0	64	-	
48	Residential	70	64	0	64	-	
49	Residential	70	64	0	64	-	
50	Residential	70	63	0	63	-	
P-PU6-R-T05_01	1	Residential	70	70	0	70	-
	2	Residential	70	69	0	69	-
	3	Residential	70	69	0	69	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	66	0	66	-
	14	Residential	70	66	0	66	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	63	0	63	-
	32	Residential	70	63	0	63	-
	33	Residential	70	63	0	63	-
	34	Residential	70	63	0	63	-
	35	Residential	70	63	0	63	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU6-R-T05_01	36	Residential	70	63	0	63	-
	37	Residential	70	63	0	63	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	62	0	62	-
	41	Residential	70	62	0	62	-
	42	Residential	70	62	0	62	-
	43	Residential	70	62	0	62	-
	44	Residential	70	62	0	62	-
	45	Residential	70	62	0	62	-
	46	Residential	70	62	0	62	-
	47	Residential	70	62	0	62	-
	48	Residential	70	62	0	62	-
	49	Residential	70	62	0	62	-
50	Residential	70	62	0	62	-	
P-PU6-R-T05_02	1	Residential	70	66	0	66	-
	2	Residential	70	66	0	66	-
	3	Residential	70	65	0	65	-
	4	Residential	70	65	0	65	-
	5	Residential	70	65	0	65	-
	6	Residential	70	65	0	65	-
	7	Residential	70	65	0	65	-
	8	Residential	70	65	0	65	-
	9	Residential	70	65	0	65	-
	10	Residential	70	65	0	65	-
	11	Residential	70	65	0	65	-
	12	Residential	70	65	0	65	-
	13	Residential	70	64	0	64	-
	14	Residential	70	64	0	64	-
	15	Residential	70	64	0	64	-
	16	Residential	70	64	0	64	-
	17	Residential	70	64	0	64	-
	18	Residential	70	64	0	64	-
	19	Residential	70	64	0	64	-
	20	Residential	70	64	0	64	-
	21	Residential	70	63	0	63	-
	22	Residential	70	63	0	63	-
	23	Residential	70	63	0	63	-
	24	Residential	70	63	0	63	-
	25	Residential	70	63	0	63	-
	26	Residential	70	63	0	63	-
	27	Residential	70	63	0	63	-
	28	Residential	70	63	0	63	-
	29	Residential	70	63	0	63	-
	30	Residential	70	63	0	63	-
	31	Residential	70	62	0	62	-
	32	Residential	70	62	0	62	-
33	Residential	70	62	0	62	-	
34	Residential	70	62	0	62	-	
35	Residential	70	62	0	62	-	
36	Residential	70	62	0	62	-	
37	Residential	70	62	0	62	-	
38	Residential	70	62	0	62	-	
39	Residential	70	62	0	62	-	
40	Residential	70	62	0	62	-	
41	Residential	70	62	0	62	-	
42	Residential	70	61	0	61	-	
43	Residential	70	61	0	61	-	
44	Residential	70	61	0	61	-	
45	Residential	70	61	0	61	-	
46	Residential	70	61	0	61	-	
47	Residential	70	61	0	61	-	
48	Residential	70	61	0	61	-	
49	Residential	70	61	0	61	-	
50	Residential	70	61	0	61	-	
P-PU6-R-T06_01	1	Residential	70	60	0	60	-
	2	Residential	70	60	0	60	-
	3	Residential	70	60	0	60	-
	4	Residential	70	61	0	61	-
	5	Residential	70	61	0	61	-
	6	Residential	70	62	0	62	-
	7	Residential	70	62	0	62	-
	8	Residential	70	63	0	63	-
	9	Residential	70	63	0	63	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks	
				Project Roads	Other Roads	Overall Noise Level		
P-PU6-R-T06_01	10	Residential	70	63	0	63	-	
	11	Residential	70	64	0	64	-	
	12	Residential	70	64	0	64	-	
	13	Residential	70	64	0	64	-	
	14	Residential	70	64	0	64	-	
	15	Residential	70	64	0	64	-	
	16	Residential	70	64	0	64	-	
	17	Residential	70	64	0	64	-	
	18	Residential	70	64	0	64	-	
	19	Residential	70	64	0	64	-	
	20	Residential	70	64	0	64	-	
	21	Residential	70	65	0	65	-	
	22	Residential	70	65	0	65	-	
	23	Residential	70	65	0	65	-	
	24	Residential	70	65	0	65	-	
	25	Residential	70	65	0	65	-	
	26	Residential	70	65	0	65	-	
	27	Residential	70	65	0	65	-	
	28	Residential	70	65	0	65	-	
	29	Residential	70	65	0	65	-	
	30	Residential	70	65	0	65	-	
	31	Residential	70	65	0	65	-	
	32	Residential	70	65	0	65	-	
	33	Residential	70	65	0	65	-	
	34	Residential	70	65	0	65	-	
	35	Residential	70	65	0	65	-	
	36	Residential	70	65	0	65	-	
	37	Residential	70	64	0	64	-	
	38	Residential	70	64	0	64	-	
	39	Residential	70	64	0	64	-	
	40	Residential	70	64	0	64	-	
	41	Residential	70	64	0	64	-	
	42	Residential	70	64	0	64	-	
	43	Residential	70	64	0	64	-	
	44	Residential	70	64	0	64	-	
	45	Residential	70	64	0	64	-	
	46	Residential	70	64	0	64	-	
	47	Residential	70	64	0	64	-	
	48	Residential	70	64	0	64	-	
	49	Residential	70	64	0	64	-	
	50	Residential	70	64	0	64	-	
	P-PU6-R-T06_02	1	Residential	70	61	0	61	-
		2	Residential	70	63	0	63	-
		3	Residential	70	65	0	65	-
		4	Residential	70	66	0	66	-
		5	Residential	70	66	0	66	-
		6	Residential	70	66	0	66	-
		7	Residential	70	66	0	66	-
		8	Residential	70	66	0	66	-
		9	Residential	70	66	0	66	-
10		Residential	70	66	0	66	-	
11		Residential	70	66	0	66	-	
12		Residential	70	65	0	65	-	
13		Residential	70	65	0	65	-	
14		Residential	70	65	0	65	-	
15		Residential	70	65	0	65	-	
16		Residential	70	65	0	65	-	
17		Residential	70	65	0	65	-	
18		Residential	70	65	0	65	-	
19		Residential	70	65	0	65	-	
20		Residential	70	64	0	64	-	
21		Residential	70	64	0	64	-	
22		Residential	70	64	0	64	-	
23		Residential	70	64	0	64	-	
24		Residential	70	64	0	64	-	
25		Residential	70	64	0	64	-	
26		Residential	70	64	0	64	-	
27		Residential	70	64	0	64	-	
28		Residential	70	64	0	64	-	
29		Residential	70	64	0	64	-	
30		Residential	70	64	0	64	-	
31		Residential	70	64	0	64	-	
32		Residential	70	64	0	64	-	
33		Residential	70	64	0	64	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PU6-R-T06_02	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	63	0	63	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
P-PR1-R-T01_01	1	Residential	70	65	40	65	-
	2	Residential	70	67	42	67	-
	3	Residential	70	68	43	68	-
	4	Residential	70	68	44	68	-
	5	Residential	70	68	44	68	-
	6	Residential	70	67	44	68	-
	7	Residential	70	67	45	67	-
	8	Residential	70	67	45	67	-
	9	Residential	70	67	45	67	-
	10	Residential	70	67	45	67	-
	11	Residential	70	67	45	67	-
	12	Residential	70	67	45	67	-
	13	Residential	70	66	45	66	-
	14	Residential	70	66	45	66	-
	15	Residential	70	66	45	66	-
	16	Residential	70	66	45	66	-
	17	Residential	70	66	45	66	-
	18	Residential	70	66	45	66	-
	19	Residential	70	66	45	66	-
	20	Residential	70	65	45	65	-
	21	Residential	70	65	45	65	-
	22	Residential	70	65	45	65	-
	23	Residential	70	65	45	65	-
	24	Residential	70	65	45	65	-
	25	Residential	70	65	45	65	-
	26	Residential	70	65	45	65	-
	27	Residential	70	65	45	65	-
	28	Residential	70	64	45	65	-
	29	Residential	70	64	45	64	-
	30	Residential	70	64	45	64	-
	31	Residential	70	64	45	64	-
	32	Residential	70	64	45	64	-
	33	Residential	70	64	45	64	-
	34	Residential	70	64	45	64	-
35	Residential	70	64	45	64	-	
36	Residential	70	64	45	64	-	
37	Residential	70	64	45	64	-	
38	Residential	70	64	45	64	-	
39	Residential	70	63	44	63	-	
40	Residential	70	63	44	63	-	
41	Residential	70	63	44	63	-	
42	Residential	70	63	44	63	-	
43	Residential	70	63	44	63	-	
44	Residential	70	63	44	63	-	
45	Residential	70	63	44	63	-	
46	Residential	70	63	44	63	-	
47	Residential	70	63	44	63	-	
48	Residential	70	63	44	63	-	
49	Residential	70	63	44	63	-	
50	Residential	70	63	44	63	-	
51	Residential	70	63	44	63	-	
52	Residential	70	63	44	63	-	
P-PR1-R-T02_01	1	Residential	70	66	0	66	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks	
				Project Roads	Other Roads	Overall Noise Level		
P-PR1-R-T02_01	6	Residential	70	68	0	68	-	
	7	Residential	70	67	0	67	-	
	8	Residential	70	67	0	67	-	
	9	Residential	70	67	0	67	-	
	10	Residential	70	67	0	67	-	
	11	Residential	70	67	0	67	-	
	12	Residential	70	67	0	67	-	
	13	Residential	70	66	0	66	-	
	14	Residential	70	66	0	66	-	
	15	Residential	70	66	0	66	-	
	16	Residential	70	66	0	66	-	
	17	Residential	70	66	0	66	-	
	18	Residential	70	66	0	66	-	
	19	Residential	70	66	0	66	-	
	20	Residential	70	66	0	66	-	
	21	Residential	70	65	0	65	-	
	22	Residential	70	65	0	65	-	
	23	Residential	70	65	0	65	-	
	24	Residential	70	65	0	65	-	
	25	Residential	70	65	0	65	-	
	26	Residential	70	65	0	65	-	
	27	Residential	70	65	0	65	-	
	28	Residential	70	65	0	65	-	
	29	Residential	70	65	0	65	-	
	30	Residential	70	64	0	64	-	
	31	Residential	70	64	0	64	-	
	32	Residential	70	64	0	64	-	
	33	Residential	70	64	0	64	-	
	34	Residential	70	64	0	64	-	
	35	Residential	70	64	0	64	-	
	36	Residential	70	64	0	64	-	
	37	Residential	70	64	0	64	-	
	38	Residential	70	64	0	64	-	
	39	Residential	70	64	0	64	-	
	40	Residential	70	64	0	64	-	
	41	Residential	70	64	0	64	-	
	42	Residential	70	63	0	63	-	
	43	Residential	70	63	0	63	-	
	44	Residential	70	63	0	63	-	
	45	Residential	70	63	0	63	-	
	46	Residential	70	63	0	63	-	
	47	Residential	70	63	0	63	-	
	48	Residential	70	63	0	63	-	
	49	Residential	70	63	0	63	-	
	50	Residential	70	63	0	63	-	
	51	Residential	70	63	0	63	-	
	52	Residential	70	63	0	63	-	
	P-PR1-R-T03_01	1	Residential	70	68	0	68	-
		2	Residential	70	68	0	68	-
		3	Residential	70	68	0	68	-
		4	Residential	70	68	0	68	-
		5	Residential	70	68	0	68	-
6		Residential	70	68	0	68	-	
7		Residential	70	68	0	68	-	
8		Residential	70	67	0	67	-	
9		Residential	70	67	0	67	-	
10		Residential	70	67	0	67	-	
11		Residential	70	67	0	67	-	
12		Residential	70	67	0	67	-	
13		Residential	70	67	0	67	-	
14		Residential	70	66	0	66	-	
15		Residential	70	66	0	66	-	
16		Residential	70	66	0	66	-	
17		Residential	70	66	0	66	-	
18		Residential	70	66	0	66	-	
19		Residential	70	66	0	66	-	
20		Residential	70	66	0	66	-	
21		Residential	70	66	0	66	-	
22		Residential	70	65	0	65	-	
23		Residential	70	65	0	65	-	
24		Residential	70	65	0	65	-	
25		Residential	70	65	0	65	-	
26		Residential	70	65	0	65	-	
27		Residential	70	65	0	65	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR1-R-T03_01	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
	50	Residential	70	63	0	63	-
	51	Residential	70	63	0	63	-
52	Residential	70	63	0	63	-	
P-PR2-R-T01_01	1	Residential	70	69	0	69	-
	2	Residential	70	69	0	69	-
	3	Residential	70	69	0	69	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	69	0	69	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	68	0	68	-
	12	Residential	70	68	0	68	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	67	0	67	-
	17	Residential	70	67	0	67	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	66	0	66	-
	24	Residential	70	66	0	66	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	65	0	65	-
	31	Residential	70	65	0	65	-
	32	Residential	70	65	0	65	-
	33	Residential	70	65	0	65	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	64	0	64	-
	41	Residential	70	64	0	64	-
	42	Residential	70	64	0	64	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR2-R-T01_01 P-PR2-R-T02_01	50	Residential	70	63	0	63	-
	1	Residential	70	69	0	69	-
	2	Residential	70	69	0	69	-
	3	Residential	70	69	0	69	-
	4	Residential	70	69	0	69	-
	5	Residential	70	69	0	69	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	68	0	68	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	67	0	67	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	66	0	66	-
	22	Residential	70	66	0	66	-
	23	Residential	70	65	0	65	-
	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	65	0	65	-
	29	Residential	70	65	0	65	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	64	0	64	-
	38	Residential	70	64	0	64	-
	39	Residential	70	64	0	64	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	43	Residential	70	63	0	63	-
	44	Residential	70	63	0	63	-
	45	Residential	70	63	0	63	-
	46	Residential	70	63	0	63	-
	47	Residential	70	63	0	63	-
	48	Residential	70	63	0	63	-
	49	Residential	70	63	0	63	-
50	Residential	70	63	0	63	-	
P-PR2-R-T03_01	1	Residential	70	69	0	69	-
	2	Residential	70	69	0	69	-
	3	Residential	70	69	0	69	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-
	8	Residential	70	68	0	68	-
	9	Residential	70	68	0	68	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	67	0	67	-
	14	Residential	70	67	0	67	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	66	0	66	-
	20	Residential	70	66	0	66	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR2-R-T03_01	24	Residential	70	65	0	65	-
	25	Residential	70	65	0	65	-
	26	Residential	70	65	0	65	-
	27	Residential	70	65	0	65	-
	28	Residential	70	64	0	64	-
	29	Residential	70	64	0	64	-
	30	Residential	70	64	0	64	-
	31	Residential	70	64	0	64	-
	32	Residential	70	64	0	64	-
	33	Residential	70	64	0	64	-
	34	Residential	70	64	0	64	-
	35	Residential	70	64	0	64	-
	36	Residential	70	64	0	64	-
	37	Residential	70	63	0	63	-
	38	Residential	70	63	0	63	-
	39	Residential	70	63	0	63	-
	40	Residential	70	63	0	63	-
	41	Residential	70	63	0	63	-
	42	Residential	70	63	0	63	-
	P-PR3-R-T01_01	1	Residential	70	65	0	65
2		Residential	70	65	0	65	-
3		Residential	70	65	0	65	-
4		Residential	70	66	0	66	-
5		Residential	70	66	0	66	-
6		Residential	70	66	0	66	-
7		Residential	70	66	0	66	-
8		Residential	70	66	0	66	-
9		Residential	70	66	0	66	-
10		Residential	70	66	0	66	-
11		Residential	70	65	0	65	-
12		Residential	70	65	0	65	-
13		Residential	70	65	0	65	-
14		Residential	70	65	0	65	-
15		Residential	70	65	0	65	-
16		Residential	70	65	0	65	-
17		Residential	70	65	0	65	-
18		Residential	70	65	0	65	-
19		Residential	70	64	0	64	-
20		Residential	70	64	0	64	-
21		Residential	70	64	0	64	-
22		Residential	70	64	0	64	-
23		Residential	70	64	0	64	-
24		Residential	70	64	0	64	-
25		Residential	70	64	0	64	-
26		Residential	70	64	0	64	-
27		Residential	70	64	0	64	-
28		Residential	70	63	0	63	-
29		Residential	70	63	0	63	-
30		Residential	70	63	0	63	-
31		Residential	70	63	0	63	-
32		Residential	70	63	0	63	-
33		Residential	70	63	0	63	-
34		Residential	70	63	0	63	-
35		Residential	70	63	0	63	-
36		Residential	70	63	0	63	-
37		Residential	70	63	0	63	-
38		Residential	70	62	0	62	-
39	Residential	70	62	0	62	-	
40	Residential	70	62	0	62	-	
P-PR3-R-T01_02	1	Residential	70	59	0	59	-
	2	Residential	70	61	0	61	-
	3	Residential	70	62	0	62	-
	4	Residential	70	64	0	64	-
	5	Residential	70	64	0	64	-
	6	Residential	70	65	0	65	-
	7	Residential	70	65	0	65	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks	
				Project Roads	Other Roads	Overall Noise Level		
P-PR3-R-T01_02	8	Residential	70	65	0	65	-	
	9	Residential	70	65	0	65	-	
	10	Residential	70	65	0	65	-	
	11	Residential	70	65	0	65	-	
	12	Residential	70	65	0	65	-	
	13	Residential	70	65	0	65	-	
	14	Residential	70	65	0	65	-	
	15	Residential	70	65	0	65	-	
	16	Residential	70	64	0	64	-	
	17	Residential	70	64	0	64	-	
	18	Residential	70	64	0	64	-	
	19	Residential	70	64	0	64	-	
	20	Residential	70	64	0	64	-	
	21	Residential	70	64	0	64	-	
	22	Residential	70	64	0	64	-	
	23	Residential	70	64	0	64	-	
	24	Residential	70	64	0	64	-	
	25	Residential	70	63	0	63	-	
	26	Residential	70	63	0	63	-	
	27	Residential	70	63	0	63	-	
	28	Residential	70	63	0	63	-	
	29	Residential	70	63	0	63	-	
	30	Residential	70	63	0	63	-	
	31	Residential	70	63	0	63	-	
	32	Residential	70	63	0	63	-	
	33	Residential	70	63	0	63	-	
	34	Residential	70	63	0	63	-	
	35	Residential	70	63	0	63	-	
	36	Residential	70	62	0	62	-	
	37	Residential	70	62	0	62	-	
	38	Residential	70	62	0	62	-	
	39	Residential	70	62	0	62	-	
	40	Residential	70	62	0	62	-	
	P-PR3-R-T02_01	1	Residential	70	61	0	61	-
		2	Residential	70	64	0	64	-
		3	Residential	70	66	0	66	-
		4	Residential	70	66	0	66	-
		5	Residential	70	66	0	66	-
		6	Residential	70	66	0	66	-
		7	Residential	70	66	0	66	-
8		Residential	70	66	0	66	-	
9		Residential	70	66	0	66	-	
10		Residential	70	65	0	65	-	
11		Residential	70	65	0	65	-	
12		Residential	70	65	0	65	-	
13		Residential	70	65	0	65	-	
14		Residential	70	65	0	65	-	
15		Residential	70	65	0	65	-	
16		Residential	70	65	0	65	-	
17		Residential	70	65	0	65	-	
18		Residential	70	64	0	64	-	
19		Residential	70	64	0	64	-	
20		Residential	70	64	0	64	-	
21		Residential	70	64	0	64	-	
22		Residential	70	64	0	64	-	
23		Residential	70	64	0	64	-	
24		Residential	70	64	0	64	-	
25		Residential	70	64	0	64	-	
26		Residential	70	64	0	64	-	
27		Residential	70	63	0	63	-	
28		Residential	70	63	0	63	-	
29		Residential	70	63	0	63	-	
30		Residential	70	63	0	63	-	
31		Residential	70	63	0	63	-	
32		Residential	70	63	0	63	-	
33		Residential	70	63	0	63	-	
34		Residential	70	63	0	63	-	
35		Residential	70	63	0	63	-	
36		Residential	70	63	0	63	-	
37		Residential	70	63	0	63	-	
38		Residential	70	62	0	62	-	
39		Residential	70	62	0	62	-	
40		Residential	70	62	0	62	-	
P-PR3-R-T02_02	1	Residential	70	56	0	56	-	

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR3-R-T02_02	2	Residential	70	58	0	58	-
	3	Residential	70	61	0	61	-
	4	Residential	70	63	0	63	-
	5	Residential	70	63	0	63	-
	6	Residential	70	64	0	64	-
	7	Residential	70	64	0	64	-
	8	Residential	70	64	0	64	-
	9	Residential	70	64	0	64	-
	10	Residential	70	64	0	64	-
	11	Residential	70	64	0	64	-
	12	Residential	70	63	0	63	-
	13	Residential	70	63	0	63	-
	14	Residential	70	63	0	63	-
	15	Residential	70	63	0	63	-
	16	Residential	70	63	0	63	-
	17	Residential	70	63	0	63	-
	18	Residential	70	63	0	63	-
	19	Residential	70	63	0	63	-
	20	Residential	70	63	0	63	-
	21	Residential	70	63	0	63	-
	22	Residential	70	62	0	62	-
	23	Residential	70	62	0	62	-
	24	Residential	70	62	0	62	-
	25	Residential	70	62	0	62	-
	26	Residential	70	62	0	62	-
	27	Residential	70	62	0	62	-
	28	Residential	70	62	0	62	-
	29	Residential	70	62	0	62	-
	30	Residential	70	62	0	62	-
	31	Residential	70	62	0	62	-
	32	Residential	70	62	0	62	-
	33	Residential	70	62	0	62	-
	34	Residential	70	61	0	61	-
	35	Residential	70	61	0	61	-
	36	Residential	70	61	0	61	-
	37	Residential	70	61	0	61	-
	38	Residential	70	61	0	61	-
	39	Residential	70	61	0	61	-
	40	Residential	70	61	0	61	-
	P-PR4-R-T01_01	1	Residential	70	69	0	69
2		Residential	70	69	0	69	-
3		Residential	70	69	0	69	-
4		Residential	70	69	0	69	-
5		Residential	70	68	0	68	-
6		Residential	70	68	0	68	-
7		Residential	70	68	0	68	-
8		Residential	70	68	0	68	-
9		Residential	70	68	0	68	-
10		Residential	70	68	0	68	-
11		Residential	70	67	0	67	-
12		Residential	70	67	0	67	-
13		Residential	70	67	0	67	-
14		Residential	70	67	0	67	-
15		Residential	70	67	0	67	-
16		Residential	70	67	0	67	-
17		Residential	70	66	0	66	-
18		Residential	70	66	0	66	-
19		Residential	70	66	0	66	-
20		Residential	70	66	0	66	-
21		Residential	70	66	0	66	-
22		Residential	70	66	0	66	-
23		Residential	70	65	0	65	-
24		Residential	70	65	0	65	-
25		Residential	70	65	0	65	-
26		Residential	70	65	0	65	-
27		Residential	70	65	0	65	-
28		Residential	70	65	0	65	-
P-PR4-R-T02_01	1	Residential	70	69	0	69	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	68	0	68	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR4-R-T02_01	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	67	0	67	-
	13	Residential	70	66	0	66	-
	14	Residential	70	66	0	66	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	66	0	66	-
	18	Residential	70	66	0	66	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	65	0	65	-
24	Residential	70	65	0	65	-	
25	Residential	70	65	0	65	-	
26	Residential	70	64	0	64	-	
27	Residential	70	64	0	64	-	
28	Residential	70	64	0	64	-	
P-PR4-R-T03_01	1	Residential	70	68	0	68	-
	2	Residential	70	68	0	68	-
	3	Residential	70	68	0	68	-
	4	Residential	70	68	0	68	-
	5	Residential	70	68	0	68	-
	6	Residential	70	68	0	68	-
	7	Residential	70	67	0	67	-
	8	Residential	70	67	0	67	-
	9	Residential	70	67	0	67	-
	10	Residential	70	67	0	67	-
	11	Residential	70	67	0	67	-
	12	Residential	70	66	0	66	-
	13	Residential	70	66	0	66	-
	14	Residential	70	66	0	66	-
	15	Residential	70	66	0	66	-
	16	Residential	70	66	0	66	-
	17	Residential	70	65	0	65	-
	18	Residential	70	65	0	65	-
	19	Residential	70	65	0	65	-
	20	Residential	70	65	0	65	-
	21	Residential	70	65	0	65	-
	22	Residential	70	65	0	65	-
	23	Residential	70	64	0	64	-
	24	Residential	70	64	0	64	-
	25	Residential	70	64	0	64	-
	26	Residential	70	64	0	64	-
	27	Residential	70	64	0	64	-
	28	Residential	70	64	0	64	-
P-PR5-R-T01_01	1	Residential	70	62	0	62	-
	2	Residential	70	62	0	62	-
	3	Residential	70	62	0	62	-
	4	Residential	70	62	0	62	-
	5	Residential	70	62	0	62	-
	6	Residential	70	62	0	62	-
	7	Residential	70	62	0	62	-
	8	Residential	70	62	0	62	-
	9	Residential	70	62	0	62	-
	10	Residential	70	62	0	62	-
	11	Residential	70	62	0	62	-
	12	Residential	70	62	0	62	-
	13	Residential	70	61	0	61	-
	14	Residential	70	61	0	61	-
	15	Residential	70	61	0	61	-
	16	Residential	70	61	0	61	-
	17	Residential	70	61	0	61	-
	18	Residential	70	61	0	61	-
	19	Residential	70	61	0	61	-
	20	Residential	70	61	0	61	-
	21	Residential	70	61	0	61	-
	22	Residential	70	61	0	61	-
	23	Residential	70	61	0	61	-
	24	Residential	70	61	0	61	-
	25	Residential	70	61	0	61	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR5-R-T01_01	26	Residential	70	60	0	60	-
	27	Residential	70	60	0	60	-
	28	Residential	70	60	0	60	-
P-PR5-R-T02_01	1	Residential	70	66	0	66	-
	2	Residential	70	66	0	66	-
	3	Residential	70	66	0	66	-
	4	Residential	70	66	0	66	-
	5	Residential	70	66	0	66	-
	6	Residential	70	66	0	66	-
	7	Residential	70	66	0	66	-
	8	Residential	70	65	0	65	-
	9	Residential	70	65	0	65	-
	10	Residential	70	65	0	65	-
	11	Residential	70	65	0	65	-
	12	Residential	70	65	0	65	-
	13	Residential	70	65	0	65	-
	14	Residential	70	65	0	65	-
	15	Residential	70	64	0	64	-
	16	Residential	70	64	0	64	-
	17	Residential	70	64	0	64	-
	18	Residential	70	64	0	64	-
	19	Residential	70	64	0	64	-
	20	Residential	70	64	0	64	-
	21	Residential	70	64	0	64	-
	22	Residential	70	63	0	63	-
	23	Residential	70	63	0	63	-
	24	Residential	70	63	0	63	-
	25	Residential	70	63	0	63	-
	26	Residential	70	63	0	63	-
	27	Residential	70	63	0	63	-
	28	Residential	70	63	0	63	-
P-PR5-R-T02_02	1	Residential	70	65	0	65	-
	2	Residential	70	65	0	65	-
	3	Residential	70	65	0	65	-
	4	Residential	70	64	0	64	-
	5	Residential	70	64	0	64	-
	6	Residential	70	64	0	64	-
	7	Residential	70	64	0	64	-
	8	Residential	70	64	0	64	-
	9	Residential	70	64	0	64	-
	10	Residential	70	64	0	64	-
	11	Residential	70	64	0	64	-
	12	Residential	70	64	0	64	-
	13	Residential	70	63	0	63	-
	14	Residential	70	63	0	63	-
	15	Residential	70	63	0	63	-
	16	Residential	70	63	0	63	-
	17	Residential	70	63	0	63	-
	18	Residential	70	63	0	63	-
	19	Residential	70	63	0	63	-
	20	Residential	70	63	0	63	-
	21	Residential	70	62	0	62	-
	22	Residential	70	62	0	62	-
	23	Residential	70	62	0	62	-
	24	Residential	70	62	0	62	-
	25	Residential	70	62	0	62	-
	26	Residential	70	62	0	62	-
	27	Residential	70	62	0	62	-
	28	Residential	70	62	0	62	-
P-PR5-R-T03_01	1	Residential	70	61	0	61	-
	2	Residential	70	61	0	61	-
	3	Residential	70	61	0	61	-
	4	Residential	70	61	0	61	-
	5	Residential	70	61	0	61	-
	6	Residential	70	61	0	61	-
	7	Residential	70	61	0	61	-
	8	Residential	70	61	0	61	-
	9	Residential	70	61	0	61	-
	10	Residential	70	61	0	61	-
	11	Residential	70	61	0	61	-
	12	Residential	70	61	0	61	-
	13	Residential	70	61	0	61	-
	14	Residential	70	61	0	61	-
	15	Residential	70	61	0	61	-

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-PR5-R-T03_01	16	Residential	70	61	0	61	-
	17	Residential	70	61	0	61	-
	18	Residential	70	60	0	60	-
	19	Residential	70	60	0	60	-
	20	Residential	70	60	0	60	-
	21	Residential	70	60	0	60	-
	22	Residential	70	60	0	60	-
	23	Residential	70	60	0	60	-
	24	Residential	70	60	0	60	-
	25	Residential	70	60	0	60	-
	26	Residential	70	60	0	60	-
	27	Residential	70	60	0	60	-
P-PR5-R-T04_01	1	Residential	70	59	0	59	-
	2	Residential	70	60	0	60	-
	3	Residential	70	61	0	61	-
	4	Residential	70	61	0	61	-
	5	Residential	70	61	0	61	-
	6	Residential	70	61	0	61	-
	7	Residential	70	61	0	61	-
	8	Residential	70	61	0	61	-
	9	Residential	70	60	0	60	-
	10	Residential	70	60	0	60	-
	11	Residential	70	60	0	60	-
	12	Residential	70	60	0	60	-
	13	Residential	70	60	0	60	-
	14	Residential	70	60	0	60	-
	15	Residential	70	60	0	60	-
	16	Residential	70	60	0	60	-
	17	Residential	70	60	0	60	-
	18	Residential	70	60	0	60	-
	19	Residential	70	60	0	60	-
	20	Residential	70	60	0	60	-
	21	Residential	70	60	0	60	-
	22	Residential	70	59	0	59	-
	23	Residential	70	59	0	59	-
	24	Residential	70	59	0	59	-
	25	Residential	70	59	0	59	-
	26	Residential	70	59	0	59	-
	27	Residential	70	59	0	59	-
	28	Residential	70	59	0	59	-
P-PR5-R-T04_02	1	Residential	70	59	0	59	-
	2	Residential	70	60	0	60	-
	3	Residential	70	60	0	60	-
	4	Residential	70	60	0	60	-
	5	Residential	70	60	0	60	-
	6	Residential	70	60	0	60	-
	7	Residential	70	60	0	60	-
	8	Residential	70	60	0	60	-
	9	Residential	70	60	0	60	-
	10	Residential	70	60	0	60	-
	11	Residential	70	60	0	60	-
	12	Residential	70	60	0	60	-
	13	Residential	70	60	0	60	-
	14	Residential	70	60	0	60	-
	15	Residential	70	60	0	60	-
	16	Residential	70	60	0	60	-
	17	Residential	70	59	0	59	-
	18	Residential	70	59	0	59	-
	19	Residential	70	59	0	59	-
	20	Residential	70	59	0	59	-
	21	Residential	70	59	0	59	-
	22	Residential	70	59	0	59	-
	23	Residential	70	59	0	59	-
	24	Residential	70	59	0	59	-
	25	Residential	70	59	0	59	-
	26	Residential	70	59	0	59	-
	27	Residential	70	59	0	59	-
	28	Residential	70	59	0	59	-
P-E1-E-T01_01	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-E1-E-T01_01	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E1-E-T01_02	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	65	18	65	-
	7	Educational Institutions	65	65	18	65	-
	8	Educational Institutions	65	65	18	65	-
P-E1-E-T01_03	1	Educational Institutions	65	61	16	61	-
	2	Educational Institutions	65	61	16	61	-
	3	Educational Institutions	65	61	16	61	-
	4	Educational Institutions	65	61	16	61	-
	5	Educational Institutions	65	60	16	60	-
	6	Educational Institutions	65	60	16	60	-
	7	Educational Institutions	65	60	16	60	-
	8	Educational Institutions	65	60	16	60	-
P-E1-E-T01_04	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E2-E-T01_01	1	Educational Institutions	65	62	11	62	-
	2	Educational Institutions	65	62	11	62	-
	3	Educational Institutions	65	62	11	62	-
	4	Educational Institutions	65	62	11	62	-
	5	Educational Institutions	65	62	11	62	-
	6	Educational Institutions	65	62	11	62	-
	7	Educational Institutions	65	62	11	62	-
	8	Educational Institutions	65	62	11	62	-
P-E2-E-T01_02	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E2-E-T01_03	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E3-E-T01_01	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E3-E-T01_02	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E4-E-T01_01	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]

Appendix 4.11B Predicted Road Traffic Noise Level at TKO137 Area (Optimised Mitigation Measures)

NAPs ID	Floor	Land Use	Noise Criteria, L10 (1-hour) dB(A)	Predicted Noise Level in Year 2041 under Optimised Mitigation Measures, L10 (1-hour) dB(A) ^[1]			Remarks
				Project Roads	Other Roads	Overall Noise Level	
P-E4-E-T01_01	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E5-E-T01_01	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E5-E-T01_02	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
P-E5-E-T01_03	1	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	2	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	3	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	4	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	5	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	6	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	7	Educational Institutions	65	N/A	N/A	N/A	NIW [3]
	8	Educational Institutions	65	N/A	N/A	N/A	NIW [3]

Notes:

- [1] The predicted overall noise level should be rounded to nearest integer for comparison with the noise criteria, according to CRTN. In addition, the predicted noise level presented in this table has considered the implementation of indirect mitigation measures, such as Acoustic Windows.
- [2] "AW" indicate provision of Acoustic Windows. In general, adoption of acoustic window can reduce 5 dB(A) road traffic noise level.
- [3] "NIW" indicate provisioning of Noise Insulation with Suitable Window Type and Air-conditioning, subject to details road traffic noise assessment under separate Class Assessment Documents by School's Proponent and agreed by Director of Environmental Protection.