

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	O	1	E1-OA_R01	1	R	70	67	52	0.1	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	2	R	70	67	54	0.2	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	3	R	70	67	54	0.2	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	4	R	70	67	55	0.2	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	5	R	70	67	55	0.2	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	6	R	70	67	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	7	R	70	67	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	8	R	70	67	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	9	R	70	66	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	10	R	70	66	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	11	R	70	66	55	0.2	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	12	R	70	66	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	13	R	70	66	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	14	R	70	66	55	0.3	67	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	15	R	70	66	55	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	16	R	70	66	55	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	17	R	70	66	55	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	18	R	70	66	55	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	19	R	70	66	55	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	20	R	70	66	55	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	21	R	70	66	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	22	R	70	66	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	23	R	70	66	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	24	R	70	66	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	25	R	70	66	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	26	R	70	65	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OA_R01	27	R	70	65	54	0.3	66	Yes	Yes	Yes	No
E	O	1	E1-OB_E01	1	E	65	59	28	0.0	59	Yes	Yes	Yes	No
E	O	1	E1-OB_E01	2	E	65	64	28	0.0	64	Yes	Yes	Yes	No
E	O	1	E1-OB_E01	3	E	65	68	28	0.0	68	Yes	Yes	No	No
E	O	1	E1-OB_E01	4	E	65	71	28	0.0	71	Yes	Yes	No	No
E	O	1	E1-OB_E01	5	E	65	72	28	0.0	72	Yes	Yes	No	No
E	O	1	E1-OB_E01	6	E	65	73	29	0.0	73	Yes	Yes	No	No
E	O	1	E1-OB_E01	7	E	65	73	29	0.0	73	Yes	Yes	No	No
E	O	1	E1-OB_E01	8	E	65	73	30	0.0	73	Yes	Yes	No	No
E	O	1	E1-OB_E02	1	E	65	56	31	0.0	56	Yes	Yes	Yes	No
E	O	1	E1-OB_E02	2	E	65	61	31	0.0	61	Yes	Yes	Yes	No
E	O	1	E1-OB_E02	3	E	65	68	31	0.0	68	Yes	Yes	No	No
E	O	1	E1-OB_E02	4	E	65	73	31	0.0	73	Yes	Yes	No	No
E	O	1	E1-OB_E02	5	E	65	74	32	0.0	74	Yes	Yes	No	No
E	O	1	E1-OB_E02	6	E	65	74	33	0.0	74	Yes	Yes	No	No
E	O	1	E1-OB_E02	7	E	65	74	34	0.0	74	Yes	Yes	No	No
E	O	1	E1-OB_E02	8	E	65	74	35	0.0	74	Yes	Yes	No	No
E	O	1	E1-OB_E11	1	E	65	66	43	0.0	66	Yes	Yes	No	No
E	O	1	E1-OB_E11	2	E	65	67	49	0.1	67	Yes	Yes	No	No
E	O	1	E1-OB_E11	3	E	65	71	52	0.0	71	Yes	Yes	No	No
E	O	1	E1-OB_E11	4	E	65	73	53	0.1	73	Yes	Yes	No	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	O	1	E1-OB_E11	5	E	65	73	54	0.0	73	Yes	Yes	No	No
E	O	1	E1-OB_E11	6	E	65	74	54	0.1	74	Yes	Yes	No	No
E	O	1	E1-OB_E11	7	E	65	74	54	0.1	74	Yes	Yes	No	No
E	O	1	E1-OB_E11	8	E	65	74	55	0.1	74	Yes	Yes	No	No
E	O	1	E1-OB_E12	1	E	65	61	46	0.1	61	Yes	Yes	Yes	No
E	O	1	E1-OB_E12	2	E	65	63	51	0.3	64	Yes	Yes	Yes	No
E	O	1	E1-OB_E12	3	E	65	67	55	0.2	68	Yes	Yes	No	No
E	O	1	E1-OB_E12	4	E	65	70	57	0.2	71	Yes	Yes	No	No
E	O	1	E1-OB_E12	5	E	65	71	58	0.2	71	Yes	Yes	No	No
E	O	1	E1-OB_E12	6	E	65	72	58	0.2	72	Yes	Yes	No	No
E	O	1	E1-OB_E12	7	E	65	72	58	0.1	72	Yes	Yes	No	No
E	O	1	E1-OB_E12	8	E	65	72	58	0.1	73	Yes	Yes	No	No
E	O	1	E1-OB_E21	1	E	65	54	54	3.0	57	Yes	No	Yes	No
E	O	1	E1-OB_E21	2	E	65	56	57	3.8	59	Yes	No	Yes	No
E	O	1	E1-OB_E21	3	E	65	58	61	4.6	63	Yes	No	Yes	No
E	O	1	E1-OB_E21	4	E	65	61	63	4.6	65	Yes	No	Yes	No
E	O	1	E1-OB_E21	5	E	65	63	65	4.2	67	Yes	No	No	Yes
E	O	1	E1-OB_E21	6	E	65	64	66	4.5	68	No	No	No	Yes
E	O	1	E1-OB_E21	7	E	65	64	67	4.3	69	No	No	No	Yes
E	O	1	E1-OB_E21	8	E	65	65	67	4.1	69	No	No	No	Yes
E	O	1	E1-OB_R01	1	R	70	47	67	20.1	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	2	R	70	47	67	19.7	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	3	R	70	48	67	19.2	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	4	R	70	49	67	18.4	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	5	R	70	50	67	17.5	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	6	R	70	51	67	16.4	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	7	R	70	53	67	14.8	67	Yes	No	Yes	No
E	O	1	E1-OB_R01	8	R	70	54	67	13.6	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	9	R	70	56	67	12.1	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	10	R	70	57	68	10.8	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	11	R	70	58	68	10.0	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	12	R	70	58	68	9.6	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	13	R	70	59	68	9.3	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	14	R	70	59	68	9.0	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	15	R	70	59	68	8.9	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	16	R	70	59	67	8.8	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	17	R	70	59	67	8.7	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	18	R	70	59	67	8.6	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	19	R	70	60	67	8.5	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	20	R	70	60	67	8.3	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	21	R	70	60	67	8.2	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	22	R	70	60	67	8.1	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	23	R	70	60	67	7.9	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	24	R	70	60	67	7.7	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	25	R	70	60	67	7.6	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	26	R	70	60	67	7.5	68	Yes	No	Yes	No
E	O	1	E1-OB_R01	27	R	70	61	67	7.2	68	Yes	No	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	O	2	E2-OA_R01	1	R	70	66	38	0.0	66	Yes	Yes	Yes	No
E	O	2	E2-OA_R01	2	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	O	2	E2-OA_R01	3	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	O	2	E2-OB_R01	1	R	70	71	41	0.0	71	Yes	Yes	No	No
E	O	2	E2-OB_R01	2	R	70	71	43	0.0	71	Yes	Yes	No	No
E	O	2	E2-OB_R01	3	R	70	71	43	0.0	71	Yes	Yes	No	No
E	O	2	E2-OB_R02	1	R	70	71	46	0.1	72	Yes	Yes	No	No
E	O	2	E2-OB_R02	2	R	70	71	47	0.0	71	Yes	Yes	No	No
E	O	2	E2-OB_R02	3	R	70	71	47	0.0	71	Yes	Yes	No	No
E	O	2	E2-OB_R03	1	R	70	71	54	0.1	71	Yes	Yes	No	No
E	O	2	E2-OB_R03	2	R	70	71	55	0.1	71	Yes	Yes	No	No
E	O	2	E2-OB_R03	3	R	70	71	56	0.1	71	Yes	Yes	No	No
E	O	2	E2-OC_R01	1	R	70	69	75	7.2	76	No	No	No	Yes
E	O	2	E2-OC_R01	2	R	70	69	75	7.2	76	No	No	No	Yes
E	O	2	E2-OC_R01	3	R	70	69	75	7.1	76	No	No	No	Yes
E	O	2	E2-OC_R02	1	R	70	63	70	7.4	71	Yes	No	No	Yes
E	O	2	E2-OC_R02	2	R	70	63	70	7.6	71	Yes	No	No	Yes
E	O	2	E2-OC_R02	3	R	70	63	70	7.7	71	Yes	No	No	Yes
E	O	2	E2-OC_R03	1	R	70	57	76	18.8	76	No	No	No	Yes
E	O	2	E2-OC_R03	2	R	70	57	76	18.7	76	No	No	No	Yes
E	O	2	E2-OC_R03	3	R	70	57	76	18.7	76	No	No	No	Yes
E	O	2	E2-OC_R04	1	R	70	58	75	16.5	75	No	No	No	Yes
E	O	2	E2-OC_R04	2	R	70	58	75	16.6	75	No	No	No	Yes
E	O	2	E2-OC_R04	3	R	70	58	75	16.4	75	No	No	No	Yes
E	O	2	E2-OD_R01	1	R	70	67	58	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	2	R	70	67	58	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	3	R	70	67	58	0.6	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	4	R	70	67	58	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	5	R	70	67	58	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	6	R	70	67	58	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	7	R	70	67	58	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	8	R	70	67	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	9	R	70	67	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	10	R	70	67	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	11	R	70	67	57	0.4	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	12	R	70	67	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	13	R	70	67	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	14	R	70	66	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	15	R	70	66	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	16	R	70	66	57	0.4	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	17	R	70	66	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	18	R	70	66	57	0.4	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	19	R	70	66	57	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	20	R	70	66	57	0.4	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	21	R	70	66	56	0.5	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	22	R	70	66	56	0.4	67	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	23	R	70	66	56	0.5	67	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	O	2	E2-OD_R01	24	R	70	66	56	0.4	66	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	25	R	70	66	56	0.4	66	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	26	R	70	66	56	0.4	66	Yes	Yes	Yes	No
E	O	2	E2-OD_R01	27	R	70	66	56	0.4	66	Yes	Yes	Yes	No
E	O	4	E4-OA_R01	1	R	70	59	73	13.5	73	No	No	No	Yes
E	O	4	E4-OA_R01	2	R	70	60	73	12.8	73	No	No	No	Yes
E	O	4	E4-OA_R01	3	R	70	61	73	11.9	73	No	No	No	Yes
E	O	4	E4-OA_R02	1	R	70	60	73	12.8	73	No	No	No	Yes
E	O	4	E4-OA_R02	2	R	70	62	73	11.7	73	No	No	No	Yes
E	O	4	E4-OA_R02	3	R	70	63	73	10.5	73	No	No	No	Yes
E	O	4	E4-OA_R03	1	R	70	65	70	6.0	71	Yes	No	No	Yes
E	O	4	E4-OA_R03	2	R	70	66	70	5.7	71	Yes	No	No	Yes
E	O	4	E4-OA_R03	3	R	70	66	70	5.4	72	Yes	No	No	Yes
E	O	4	E4-OA_R04	1	R	70	66	70	5.5	71	Yes	No	No	Yes
E	O	4	E4-OA_R04	2	R	70	66	70	5.3	71	Yes	No	No	Yes
E	O	4	E4-OA_R04	3	R	70	66	70	5.1	71	Yes	No	No	Yes
E	O	4	E4-OB_R01	1	R	70	77	60	0.1	77	Yes	Yes	No	No
E	O	4	E4-OB_R01	2	R	70	77	62	0.1	77	Yes	Yes	No	No
E	O	4	E4-OB_R01	3	R	70	76	63	0.2	77	Yes	Yes	No	No
E	O	4	E4-OC_R01	1	R	70	75	60	0.1	75	Yes	Yes	No	No
E	O	4	E4-OC_R01	2	R	70	75	60	0.1	75	Yes	Yes	No	No
E	O	4	E4-OC_R01	3	R	70	75	61	0.1	75	Yes	Yes	No	No
E	O	4	E4-OC_R02	1	R	70	72	55	0.1	72	Yes	Yes	No	No
E	O	4	E4-OC_R02	2	R	70	72	57	0.1	72	Yes	Yes	No	No
E	O	4	E4-OC_R02	3	R	70	72	57	0.1	72	Yes	Yes	No	No
E	O	4	E4-OC_R03	1	R	70	78	56	0.1	78	Yes	Yes	No	No
E	O	4	E4-OC_R03	2	R	70	78	58	0.1	78	Yes	Yes	No	No
E	O	4	E4-OC_R03	3	R	70	78	58	0.0	78	Yes	Yes	No	No
E	O	4	E4-OD_R01	1	R	70	78	56	0.0	78	Yes	Yes	No	No
E	O	4	E4-OD_R01	2	R	70	78	57	0.0	78	Yes	Yes	No	No
E	O	4	E4-OD_R01	3	R	70	77	57	0.1	77	Yes	Yes	No	No
E	O	4	E4-OD_R02	1	R	70	77	49	0.0	77	Yes	Yes	No	No
E	O	4	E4-OD_R02	2	R	70	77	49	0.1	77	Yes	Yes	No	No
E	O	4	E4-OD_R02	3	R	70	77	50	0.0	77	Yes	Yes	No	No
E	O	4	E4-OD_R03	1	R	70	74	40	0.0	74	Yes	Yes	No	No
E	O	4	E4-OD_R03	2	R	70	74	42	0.0	74	Yes	Yes	No	No
E	O	4	E4-OD_R03	3	R	70	74	43	0.0	74	Yes	Yes	No	No
E	O	4	E4-OD_R04	1	R	70	75	40	0.0	75	Yes	Yes	No	No
E	O	4	E4-OD_R04	2	R	70	75	41	0.0	75	Yes	Yes	No	No
E	O	4	E4-OD_R04	3	R	70	75	42	0.0	75	Yes	Yes	No	No
E	O	5	E5-OA_R01	1	R	70	79	56	0.0	79	Yes	Yes	No	No
E	O	5	E5-OA_R01	2	R	70	78	56	0.1	79	Yes	Yes	No	No
E	O	5	E5-OA_R01	3	R	70	78	56	0.0	78	Yes	Yes	No	No
E	O	5	E5-OA_R02	1	R	70	65	62	2.1	67	Yes	No	Yes	No
E	O	5	E5-OA_R02	2	R	70	65	63	2.1	67	Yes	No	Yes	No
E	O	5	E5-OA_R02	3	R	70	65	63	2.1	67	Yes	No	Yes	No
E	O	5	E5-OB_R01	1	R	70	75	57	0.0	75	Yes	Yes	No	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	O	5	E5-OB_R01	2	R	70	75	57	0.1	75	Yes	Yes	No	No
E	O	5	E5-OB_R01	3	R	70	75	57	0.0	75	Yes	Yes	No	No
E	O	5	E5-OC_R01	1	R	70	71	0	0.0	71	Yes	Yes	No	No
E	O	5	E5-OC_R01	2	R	70	71	0	0.0	71	Yes	Yes	No	No
E	O	5	E5-OC_R01	3	R	70	71	0	0.0	71	Yes	Yes	No	No
E	O	5	E5-OD_R01	1	R	70	76	24	0.0	76	Yes	Yes	No	No
E	O	5	E5-OD_R01	2	R	70	75	25	0.0	75	Yes	Yes	No	No
E	O	5	E5-OD_R01	3	R	70	75	26	0.0	75	Yes	Yes	No	No
E	O	5	E5-OD_R01	4	R	70	75	27	0.0	75	Yes	Yes	No	No
E	O	5	E5-OD_R01	5	R	70	75	29	0.0	75	Yes	Yes	No	No
E	O	5	E5-OD_R01	6	R	70	74	30	0.0	74	Yes	Yes	No	No
E	O	5	E5-OD_R01	7	R	70	74	32	0.0	74	Yes	Yes	No	No
E	O	5	E5-OD_R01	8	R	70	74	34	0.0	74	Yes	Yes	No	No
E	O	5	E5-OD_R01	9	R	70	73	36	0.0	73	Yes	Yes	No	No
E	O	5	E5-OD_R01	10	R	70	73	37	0.0	73	Yes	Yes	No	No
E	O	5	E5-OD_R01	11	R	70	73	37	0.0	73	Yes	Yes	No	No
E	O	5	E5-OD_R01	12	R	70	73	37	0.0	73	Yes	Yes	No	No
E	O	5	E5-OD_R01	13	R	70	72	37	0.0	72	Yes	Yes	No	No
E	O	5	E5-OD_R01	14	R	70	72	38	0.0	72	Yes	Yes	No	No
E	O	5	E5-OD_R01	15	R	70	72	37	0.0	72	Yes	Yes	No	No
E	O	5	E5-OD_R01	16	R	70	72	37	0.0	72	Yes	Yes	No	No
E	O	5	E5-OD_R01	17	R	70	71	37	0.0	71	Yes	Yes	No	No
E	O	5	E5-OE_E01	1	E	65	74	19	0.0	74	Yes	Yes	No	No
E	O	5	E5-OE_E01	2	E	65	74	19	0.0	74	Yes	Yes	No	No
E	O	5	E5-OE_E01	3	E	65	74	19	0.0	74	Yes	Yes	No	No
E	O	5	E5-OE_E01	4	E	65	74	19	0.0	74	Yes	Yes	No	No
E	O	5	E5-OE_E01	5	E	65	73	19	0.0	73	Yes	Yes	No	No
E	O	5	E5-OE_E01	6	E	65	73	19	0.0	73	Yes	Yes	No	No
E	O	5	E5-OE_E01	7	E	65	73	19	0.0	73	Yes	Yes	No	No
E	O	5	E5-OE_E01	8	E	65	73	19	0.0	73	Yes	Yes	No	No
E	O	5	E5-OF_R01	1	R	70	73	24	0.0	73	Yes	Yes	No	No
E	O	5	E5-OF_R01	2	R	70	73	24	0.0	73	Yes	Yes	No	No
E	O	5	E5-OF_R01	3	R	70	73	25	0.0	73	Yes	Yes	No	No
E	O	5	E5-OF_R01	4	R	70	73	26	0.0	73	Yes	Yes	No	No
E	O	5	E5-OF_R01	5	R	70	73	27	0.0	73	Yes	Yes	No	No
E	O	5	E5-OG_R01	1	R	70	74	31	0.0	74	Yes	Yes	No	No
E	O	5	E5-OG_R01	2	R	70	74	33	0.0	74	Yes	Yes	No	No
E	O	5	E5-OG_R01	3	R	70	74	34	0.0	74	Yes	Yes	No	No
E	O	5	E5-OG_R01	4	R	70	74	36	0.0	74	Yes	Yes	No	No
E	O	5	E5-OG_R01	5	R	70	74	38	0.0	74	Yes	Yes	No	No
E	O	5	E5-OG_R01	6	R	70	74	41	0.0	74	Yes	Yes	No	No
E	O	5	E5-OH_R01	1	R	70	75	36	0.0	75	Yes	Yes	No	No
E	O	5	E5-OH_R01	2	R	70	75	37	0.0	75	Yes	Yes	No	No
E	O	5	E5-OH_R01	3	R	70	74	38	0.0	74	Yes	Yes	No	No
E	O	5	E5-OH_R01	4	R	70	74	40	0.0	74	Yes	Yes	No	No
E	O	5	E5-OH_R01	5	R	70	74	41	0.0	74	Yes	Yes	No	No
E	O	5	E5-OH_R01	6	R	70	74	44	0.0	74	Yes	Yes	No	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	1	E1-26_R01	1	R	70	0	59	59.3	59	Yes	No	Yes	No
E	I	1	E1-26_R01	2	R	70	0	61	60.9	61	Yes	No	Yes	No
E	I	1	E1-26_R01	3	R	70	0	62	61.7	62	Yes	No	Yes	No
E	I	1	E1-26_R02	1	R	70	22	63	40.8	63	Yes	No	Yes	No
E	I	1	E1-26_R02	2	R	70	22	63	40.9	63	Yes	No	Yes	No
E	I	1	E1-26_R02	3	R	70	22	63	41.1	63	Yes	No	Yes	No
E	I	1	E1-IA_R01	1	R	70	17	76	58.9	76	No	No	No	Yes
E	I	1	E1-IA_R01	2	R	70	17	76	59.0	76	No	No	No	Yes
E	I	1	E1-IA_R01	3	R	70	17	76	59.0	76	No	No	No	Yes
E	I	1	E1-IB_R01	1	R	70	0	54	53.8	54	Yes	No	Yes	No
E	I	1	E1-IB_R01	2	R	70	0	54	54.4	54	Yes	No	Yes	No
E	I	1	E1-IB_R01	3	R	70	0	55	54.9	55	Yes	No	Yes	No
E	I	1	E1-IC_R01	1	R	70	0	69	68.7	69	Yes	No	Yes	No
E	I	1	E1-IC_R01	2	R	70	0	69	68.9	69	Yes	No	Yes	No
E	I	1	E1-IC_R01	3	R	70	0	69	69.2	69	Yes	No	Yes	No
E	I	1	E1-IC_R02	1	R	70	5	64	58.1	64	Yes	No	Yes	No
E	I	1	E1-IC_R02	2	R	70	5	64	58.4	64	Yes	No	Yes	No
E	I	1	E1-IC_R02	3	R	70	5	65	59.1	65	Yes	No	Yes	No
E	I	1	E1-IC_R03	1	R	70	12	68	56.0	68	Yes	No	Yes	No
E	I	1	E1-IC_R03	2	R	70	12	68	56.1	68	Yes	No	Yes	No
E	I	1	E1-IC_R03	3	R	70	12	68	56.2	68	Yes	No	Yes	No
E	I	1	E1-ID_R01	1	R	70	22	59	36.9	59	Yes	No	Yes	No
E	I	1	E1-ID_R01	2	R	70	23	59	35.7	59	Yes	No	Yes	No
E	I	1	E1-ID_R01	3	R	70	25	59	33.7	59	Yes	No	Yes	No
E	I	1	E1-IE_R01	1	R	70	29	69	39.6	69	Yes	No	Yes	No
E	I	1	E1-IE_R01	2	R	70	30	69	38.6	69	Yes	No	Yes	No
E	I	1	E1-IE_R01	3	R	70	32	70	38.6	70	Yes	No	Yes	No
E	I	1	E1-IF_R01	1	R	70	22	64	42.3	64	Yes	No	Yes	No
E	I	1	E1-IF_R01	2	R	70	25	66	40.5	66	Yes	No	Yes	No
E	I	1	E1-IF_R01	3	R	70	29	67	38.3	67	Yes	No	Yes	No
E	I	1	E1-IF_R02	1	R	70	60	76	16.0	76	No	No	No	Yes
E	I	1	E1-IF_R02	2	R	70	60	76	15.8	76	No	No	No	Yes
E	I	1	E1-IF_R02	3	R	70	60	76	15.6	76	No	No	No	Yes
E	I	1	E1-IG_R01	1	R	70	10	65	54.6	65	Yes	No	Yes	No
E	I	1	E1-IG_R01	2	R	70	10	68	57.7	68	Yes	No	Yes	No
E	I	1	E1-IG_R01	3	R	70	10	69	58.4	69	Yes	No	Yes	No
E	I	1	E1-IG_R02	1	R	70	47	66	19.9	66	Yes	No	Yes	No
E	I	1	E1-IG_R02	2	R	70	48	68	20.1	68	Yes	No	Yes	No
E	I	1	E1-IG_R02	3	R	70	49	69	19.9	69	Yes	No	Yes	No
E	I	1	E1-IG_R03	1	R	70	53	66	13.5	66	Yes	No	Yes	No
E	I	1	E1-IG_R03	2	R	70	54	68	13.5	68	Yes	No	Yes	No
E	I	1	E1-IG_R03	3	R	70	55	68	13.2	69	Yes	No	Yes	No
E	I	1	E1-IH_R01	1	R	70	25	68	42.6	68	Yes	No	Yes	No
E	I	1	E1-IH_R01	2	R	70	26	70	44.2	70	Yes	No	Yes	No
E	I	1	E1-IH_R01	3	R	70	26	70	44.0	70	Yes	No	Yes	No
E	I	1	E1-IH_R02	1	R	70	26	66	39.9	66	Yes	No	Yes	No
E	I	1	E1-IH_R02	2	R	70	27	67	40.6	67	Yes	No	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	1	E1-IH_R02	3	R	70	27	68	40.6	68	Yes	No	Yes	No
E	I	1	E1-IJ_R01	1	R	70	73	53	0.1	73	Yes	Yes	No	No
E	I	1	E1-IJ_R01	2	R	70	73	54	0.1	73	Yes	Yes	No	No
E	I	1	E1-IJ_R01	3	R	70	73	55	0.1	73	Yes	Yes	No	No
E	I	1	E1-IJ_R02	1	R	70	72	53	0.1	72	Yes	Yes	No	No
E	I	1	E1-IJ_R02	2	R	70	72	54	0.1	72	Yes	Yes	No	No
E	I	1	E1-IJ_R02	3	R	70	72	55	0.1	72	Yes	Yes	No	No
E	I	1	E1-IJ_R03	1	R	70	73	54	0.1	73	Yes	Yes	No	No
E	I	1	E1-IJ_R03	2	R	70	73	55	0.0	73	Yes	Yes	No	No
E	I	1	E1-IJ_R03	3	R	70	73	55	0.1	73	Yes	Yes	No	No
E	I	1	E1-IJ_R04	1	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	1	E1-IJ_R04	2	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	1	E1-IJ_R04	3	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	1	E1-IJ_R05	1	R	70	63	66	4.6	68	Yes	No	Yes	No
E	I	1	E1-IJ_R05	2	R	70	63	66	4.7	68	Yes	No	Yes	No
E	I	1	E1-IJ_R05	3	R	70	64	67	4.7	68	Yes	No	Yes	No
E	I	1	E1-IK_R01	1	R	70	64	45	0.1	64	Yes	Yes	Yes	No
E	I	1	E1-IK_R01	2	R	70	69	52	0.1	69	Yes	Yes	Yes	No
E	I	1	E1-IK_R01	3	R	70	70	53	0.1	70	Yes	Yes	Yes	No
E	I	1	E1-IK_R02	1	R	70	65	0	0.0	65	Yes	Yes	Yes	No
E	I	1	E1-IK_R02	2	R	70	70	0	0.0	70	Yes	Yes	Yes	No
E	I	1	E1-IK_R02	3	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	1	E1-IK_R03	1	R	70	68	52	0.1	68	Yes	Yes	Yes	No
E	I	1	E1-IK_R03	2	R	70	71	57	0.2	71	Yes	Yes	No	No
E	I	1	E1-IK_R03	3	R	70	72	58	0.2	73	Yes	Yes	No	No
E	I	2	E2-IA_R01	1	R	70	0	76	75.5	76	No	No	No	Yes
E	I	2	E2-IA_R01	2	R	70	0	76	75.5	76	No	No	No	Yes
E	I	2	E2-IA_R01	3	R	70	0	76	75.5	76	No	No	No	Yes
E	I	2	E2-IA_R02	1	R	70	0	72	71.5	72	No	No	No	Yes
E	I	2	E2-IA_R02	2	R	70	0	72	71.5	72	No	No	No	Yes
E	I	2	E2-IA_R02	3	R	70	0	72	71.5	72	No	No	No	Yes
E	I	4	E4-30_C01	1	C	65	72	54	0.0	72	Yes	Yes	No	No
E	I	4	E4-IA_R01	1	R	70	73	50	0.1	73	Yes	Yes	No	No
E	I	4	E4-IA_R01	2	R	70	72	51	0.1	73	Yes	Yes	No	No
E	I	4	E4-IA_R01	3	R	70	72	51	0.0	72	Yes	Yes	No	No
E	I	4	E4-IA_R02	1	R	70	73	40	0.0	73	Yes	Yes	No	No
E	I	4	E4-IA_R02	2	R	70	73	40	0.0	73	Yes	Yes	No	No
E	I	4	E4-IA_R02	3	R	70	73	40	0.0	73	Yes	Yes	No	No
E	I	4	E4-IA_R03	1	R	70	72	50	0.0	72	Yes	Yes	No	No
E	I	4	E4-IA_R03	2	R	70	72	50	0.0	72	Yes	Yes	No	No
E	I	4	E4-IA_R03	3	R	70	72	50	0.0	72	Yes	Yes	No	No
E	I	4	E4-IB_R01	1	R	70	62	68	6.4	69	Yes	No	Yes	No
E	I	4	E4-IB_R01	2	R	70	65	69	5.7	71	Yes	No	No	Yes
E	I	4	E4-IB_R01	3	R	70	66	70	5.2	72	Yes	No	No	Yes
E	I	5	E5-23_R01	1	R	70	64	20	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-23_R01	2	R	70	64	21	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-23_R01	3	R	70	64	22	0.0	64	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	5	E5-23_R01	4	R	70	64	23	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-23_R01	5	R	70	64	24	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-23_R01	6	R	70	64	25	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-23_R02	1	R	70	65	28	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R02	2	R	70	65	29	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R02	3	R	70	65	31	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R02	4	R	70	65	34	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R02	5	R	70	65	36	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R02	6	R	70	65	38	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R11	1	R	70	65	36	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R11	2	R	70	65	38	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R11	3	R	70	65	40	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R11	4	R	70	65	43	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R11	5	R	70	65	45	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R11	6	R	70	65	47	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-23_R12	1	R	70	66	45	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-23_R12	2	R	70	66	46	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-23_R12	3	R	70	66	46	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-23_R12	4	R	70	66	47	0.1	66	Yes	Yes	Yes	No
E	I	5	E5-23_R12	5	R	70	66	49	0.1	66	Yes	Yes	Yes	No
E	I	5	E5-23_R12	6	R	70	66	49	0.1	66	Yes	Yes	Yes	No
E	I	5	E5-25_R01	1	R	70	66	58	0.6	67	Yes	Yes	Yes	No
E	I	5	E5-25_R01	2	R	70	67	58	0.6	67	Yes	Yes	Yes	No
E	I	5	E5-25_R01	3	R	70	67	59	0.6	68	Yes	Yes	Yes	No
E	I	5	E5-25_R01	4	R	70	68	59	0.6	68	Yes	Yes	Yes	No
E	I	5	E5-25_R01	5	R	70	68	59	0.5	69	Yes	Yes	Yes	No
E	I	5	E5-25_R01	6	R	70	69	59	0.5	69	Yes	Yes	Yes	No
E	I	5	E5-25_R01	7	R	70	69	59	0.3	70	Yes	Yes	Yes	No
E	I	5	E5-25_R01	8	R	70	70	59	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R01	9	R	70	71	59	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R01	10	R	70	71	59	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R01	11	R	70	71	58	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R01	12	R	70	71	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R01	13	R	70	71	58	0.3	72	Yes	Yes	No	No
E	I	5	E5-25_R01	14	R	70	72	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R01	15	R	70	72	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R01	16	R	70	72	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R01	17	R	70	71	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R01	18	R	70	71	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R01	19	R	70	71	58	0.2	71	Yes	Yes	No	No
E	I	5	E5-25_R01	20	R	70	71	58	0.2	71	Yes	Yes	No	No
E	I	5	E5-25_R01	21	R	70	71	58	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R01	22	R	70	71	58	0.2	71	Yes	Yes	No	No
E	I	5	E5-25_R01	23	R	70	71	58	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R01	24	R	70	71	58	0.2	71	Yes	Yes	No	No
E	I	5	E5-25_R11	1	R	70	70	60	0.4	70	Yes	Yes	Yes	No
E	I	5	E5-25_R11	2	R	70	70	60	0.3	70	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	5	E5-25_R11	3	R	70	71	60	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R11	4	R	70	71	60	0.3	71	Yes	Yes	No	No
E	I	5	E5-25_R11	5	R	70	72	59	0.3	72	Yes	Yes	No	No
E	I	5	E5-25_R11	6	R	70	72	59	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R11	7	R	70	72	59	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R11	8	R	70	72	59	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	9	R	70	72	59	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	10	R	70	72	59	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	11	R	70	72	59	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	12	R	70	73	58	0.1	73	Yes	Yes	No	No
E	I	5	E5-25_R11	13	R	70	73	58	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	14	R	70	72	58	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	15	R	70	72	58	0.1	73	Yes	Yes	No	No
E	I	5	E5-25_R11	16	R	70	72	58	0.2	73	Yes	Yes	No	No
E	I	5	E5-25_R11	17	R	70	72	58	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R11	18	R	70	72	58	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R11	19	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R11	20	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R11	21	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R11	22	R	70	72	57	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R11	23	R	70	72	57	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R11	24	R	70	71	57	0.2	72	Yes	Yes	No	No
E	I	5	E5-25_R21	1	R	70	71	52	0.0	71	Yes	Yes	No	No
E	I	5	E5-25_R21	2	R	70	72	52	0.0	72	Yes	Yes	No	No
E	I	5	E5-25_R21	3	R	70	72	52	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	4	R	70	72	53	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	5	R	70	72	53	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	6	R	70	72	53	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	7	R	70	72	53	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	8	R	70	72	53	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	9	R	70	72	54	0.0	72	Yes	Yes	No	No
E	I	5	E5-25_R21	10	R	70	72	54	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	11	R	70	72	54	0.0	72	Yes	Yes	No	No
E	I	5	E5-25_R21	12	R	70	72	54	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	13	R	70	72	55	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	14	R	70	72	55	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	15	R	70	72	55	0.0	72	Yes	Yes	No	No
E	I	5	E5-25_R21	16	R	70	71	55	0.1	72	Yes	Yes	No	No
E	I	5	E5-25_R21	17	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R21	18	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R21	19	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R21	20	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R21	21	R	70	71	55	0.2	71	Yes	Yes	No	No
E	I	5	E5-25_R21	22	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R21	23	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R21	24	R	70	71	55	0.1	71	Yes	Yes	No	No
E	I	5	E5-25_R31	1	R	70	61	20	0.0	61	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	5	E5-25_R31	2	R	70	61	21	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	3	R	70	61	22	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	4	R	70	61	24	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	5	R	70	61	26	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	6	R	70	61	27	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	7	R	70	61	29	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	8	R	70	61	32	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	9	R	70	61	35	0.0	61	Yes	Yes	Yes	No
E	I	5	E5-25_R31	10	R	70	62	38	0.0	62	Yes	Yes	Yes	No
E	I	5	E5-25_R31	11	R	70	62	40	0.0	62	Yes	Yes	Yes	No
E	I	5	E5-25_R31	12	R	70	63	41	0.0	63	Yes	Yes	Yes	No
E	I	5	E5-25_R31	13	R	70	64	41	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R31	14	R	70	65	42	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R31	15	R	70	65	42	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R31	16	R	70	66	42	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R31	17	R	70	66	42	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R31	18	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R31	19	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R31	20	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R31	21	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R31	22	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R31	23	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R31	24	R	70	67	42	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R32	1	R	70	68	18	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-25_R32	2	R	70	68	18	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-25_R32	3	R	70	68	18	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-25_R32	4	R	70	68	18	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-25_R32	5	R	70	68	18	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-25_R32	6	R	70	67	18	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R32	7	R	70	67	18	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R32	8	R	70	67	18	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R32	9	R	70	67	18	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R32	10	R	70	67	18	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R32	11	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	12	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	13	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	14	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	15	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	16	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	17	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	18	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	19	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	20	R	70	66	18	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R32	21	R	70	65	18	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R32	22	R	70	65	18	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R32	23	R	70	65	18	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R32	24	R	70	65	18	0.0	65	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	5	E5-25_R41	1	R	70	67	27	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R41	2	R	70	67	27	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R41	3	R	70	67	27	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R41	4	R	70	67	27	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R41	5	R	70	67	27	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-25_R41	6	R	70	66	27	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R41	7	R	70	66	27	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R41	8	R	70	66	27	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R41	9	R	70	66	27	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R41	10	R	70	66	27	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-25_R41	11	R	70	65	27	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R41	12	R	70	65	27	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R41	13	R	70	65	27	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R41	14	R	70	65	27	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R41	15	R	70	65	27	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-25_R41	16	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	17	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	18	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	19	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	20	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	21	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	22	R	70	64	27	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-25_R41	23	R	70	63	27	0.0	63	Yes	Yes	Yes	No
E	I	5	E5-25_R41	24	R	70	63	27	0.0	63	Yes	Yes	Yes	No
E	I	5	E5-31_R01	1	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R01	2	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R01	3	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	4	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	5	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	6	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	7	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	8	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	9	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R01	10	R	70	71	0	0.0	71	Yes	Yes	No	No
E	I	5	E5-31_R01	11	R	70	71	0	0.0	71	Yes	Yes	No	No
E	I	5	E5-31_R05	1	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	2	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	3	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	4	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	5	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	6	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	7	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	8	R	70	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R05	9	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R05	10	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R05	11	R	70	72	0	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	1	R	70	73	6	0.0	73	Yes	Yes	No	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	5	E5-31_R11	2	R	70	73	6	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R11	3	R	70	73	6	0.0	73	Yes	Yes	No	No
E	I	5	E5-31_R11	4	R	70	72	6	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	5	R	70	72	6	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	6	R	70	72	6	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	7	R	70	72	6	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	8	R	70	72	6	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	9	R	70	72	6	0.0	72	Yes	Yes	No	No
E	I	5	E5-31_R11	10	R	70	71	6	0.0	71	Yes	Yes	No	No
E	I	5	E5-31_R11	11	R	70	71	6	0.0	71	Yes	Yes	No	No
E	I	5	E5-31_R21	1	R	70	64	33	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-31_R21	2	R	70	64	35	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-31_R21	3	R	70	64	37	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-31_R21	4	R	70	65	40	0.1	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	5	R	70	65	44	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	6	R	70	65	46	0.1	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	7	R	70	65	47	0.1	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	8	R	70	65	47	0.1	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	9	R	70	65	47	0.1	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	10	R	70	65	47	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-31_R21	11	R	70	65	47	0.0	65	Yes	Yes	Yes	No
E	I	5	E5-31_R22	1	R	70	66	29	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-31_R22	2	R	70	66	31	0.0	66	Yes	Yes	Yes	No
E	I	5	E5-31_R22	3	R	70	67	34	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	4	R	70	67	36	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	5	R	70	67	38	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	6	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	7	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	8	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	9	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	10	R	70	67	39	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-31_R22	11	R	70	67	40	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-35_R01	1	R	70	68	39	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-35_R01	2	R	70	71	41	0.0	71	Yes	Yes	No	No
E	I	5	E5-35_R01	3	R	70	71	42	0.0	71	Yes	Yes	No	No
E	I	5	E5-39_R01	1	R	70	69	13	0.0	69	Yes	Yes	Yes	No
E	I	5	E5-39_R01	2	R	70	73	13	0.0	73	Yes	Yes	No	No
E	I	5	E5-39_R01	3	R	70	73	13	0.0	73	Yes	Yes	No	No
E	I	5	E5-39_R01	4	R	70	73	13	0.0	73	Yes	Yes	No	No
E	I	5	E5-39_R02	1	R	70	69	58	0.4	69	Yes	Yes	Yes	No
E	I	5	E5-39_R02	2	R	70	75	63	0.3	75	Yes	Yes	No	No
E	I	5	E5-39_R03	1	R	70	59	41	0.0	59	Yes	Yes	Yes	No
E	I	5	E5-39_R03	2	R	70	64	43	0.0	64	Yes	Yes	Yes	No
E	I	5	E5-39_R03	3	R	70	67	44	0.0	67	Yes	Yes	Yes	No
E	I	5	E5-39_R03	4	R	70	68	46	0.0	68	Yes	Yes	Yes	No
E	I	5	E5-39_R03	5	R	70	69	47	0.0	69	Yes	Yes	Yes	No
E	I	5	E5-39_R03	6	R	70	69	49	0.0	69	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
E	I	5	E5-39_R04	1	R	70	72	15	0.0	72	Yes	Yes	No	No
E	I	5	E5-39_R04	2	R	70	72	15	0.0	72	Yes	Yes	No	No
E	I	5	E5-39_R05	1	R	70	74	0	0.0	74	Yes	Yes	No	No
E	I	5	E5-39_R05	2	R	70	74	0	0.0	74	Yes	Yes	No	No
E	I	5	E5-44_C01	1	C	65	73	15	0.0	73	Yes	Yes	No	No
E	I	5	E5-44_C02	1	C	65	72	38	0.0	72	Yes	Yes	No	No
E	I	5	E5-IA_R01	1	R	70	31	64	32.4	64	Yes	No	Yes	No
E	I	5	E5-IA_R01	2	R	70	35	67	32.6	67	Yes	No	Yes	No
E	I	5	E5-IA_R01	3	R	70	35	69	34.3	69	Yes	No	Yes	No
E	I	5	E5-IB_C01	1	C	65	73	0	0.0	73	Yes	Yes	No	No
E	I	5	E5-IB_C01	2	C	65	74	0	0.0	74	Yes	Yes	No	No
E	I	5	E5-IB_C01	3	C	65	74	0	0.0	74	Yes	Yes	No	No
E	I	5	E5-IB_R01	1	R	70	27	63	36.9	63	Yes	No	Yes	No
E	I	5	E5-IB_R01	2	R	70	27	66	39.1	66	Yes	No	Yes	No
E	I	5	E5-IB_R01	3	R	70	29	67	38.8	67	Yes	No	Yes	No
E	I	5	E5-IB_R02	1	R	70	38	66	28.8	66	Yes	No	Yes	No
E	I	5	E5-IB_R02	2	R	70	41	70	29.3	70	Yes	No	Yes	No
E	I	5	E5-IB_R02	3	R	70	41	71	29.7	71	No	No	No	Yes
E	I	5	E5-IC_R01	1	R	70	73	51	0.0	73	Yes	Yes	No	No
E	I	5	E5-IC_R01	2	R	70	73	55	0.0	73	Yes	Yes	No	No
E	I	5	E5-IC_R01	3	R	70	73	55	0.0	73	Yes	Yes	No	No
O	I	5	O5-06_R01	1	R	70	72	56	0.1	73	Yes	Yes	No	No
O	I	5	O5-06_R01	2	R	70	72	56	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	3	R	70	72	56	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	4	R	70	72	56	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	5	R	70	72	56	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	6	R	70	72	56	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	7	R	70	72	55	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	8	R	70	71	55	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R01	9	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	10	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	11	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	12	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	13	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	14	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	15	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	16	R	70	71	55	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	17	R	70	70	54	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R01	18	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	19	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	20	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	21	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	22	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	23	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	24	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	25	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	26	R	70	70	54	0.1	70	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-06_R01	27	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	28	R	70	70	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	29	R	70	69	54	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	30	R	70	69	53	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R01	31	R	70	69	53	0.1	69	Yes	Yes	Yes	No
O	I	5	O5-06_R01	32	R	70	69	53	0.1	69	Yes	Yes	Yes	No
O	I	5	O5-06_R01	33	R	70	69	55	0.2	69	Yes	Yes	Yes	No
O	I	5	O5-06_R02	1	R	70	72	57	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R02	2	R	70	72	57	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R02	3	R	70	72	57	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R02	4	R	70	72	57	0.1	72	Yes	Yes	No	No
O	I	5	O5-06_R02	5	R	70	72	57	0.2	72	Yes	Yes	No	No
O	I	5	O5-06_R02	6	R	70	71	57	0.2	72	Yes	Yes	No	No
O	I	5	O5-06_R02	7	R	70	71	57	0.2	72	Yes	Yes	No	No
O	I	5	O5-06_R02	8	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	9	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	10	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	11	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	12	R	70	71	57	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R02	13	R	70	71	57	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R02	14	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	15	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	16	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	17	R	70	71	57	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R02	18	R	70	70	57	0.1	71	Yes	Yes	No	No
O	I	5	O5-06_R02	19	R	70	70	57	0.2	71	Yes	Yes	No	No
O	I	5	O5-06_R02	20	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	21	R	70	70	57	0.1	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	22	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	23	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	24	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	25	R	70	70	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	26	R	70	70	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	27	R	70	70	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	28	R	70	70	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	29	R	70	70	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	30	R	70	69	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	31	R	70	69	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	32	R	70	69	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-06_R02	33	R	70	69	56	0.2	69	Yes	Yes	Yes	No
O	I	5	O5-06_R03	1	R	70	65	62	1.9	66	Yes	No	Yes	No
O	I	5	O5-06_R03	2	R	70	65	62	1.8	67	Yes	No	Yes	No
O	I	5	O5-06_R03	3	R	70	65	62	1.8	67	Yes	No	Yes	No
O	I	5	O5-06_R03	4	R	70	65	62	1.8	66	Yes	No	Yes	No
O	I	5	O5-06_R03	5	R	70	65	62	1.8	66	Yes	No	Yes	No
O	I	5	O5-06_R03	6	R	70	64	62	1.9	66	Yes	No	Yes	No
O	I	5	O5-06_R03	7	R	70	64	62	1.9	66	Yes	No	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-06_R03	8	R	70	64	62	2.0	66	Yes	No	Yes	No
O	I	5	O5-06_R03	9	R	70	64	62	2.1	66	Yes	No	Yes	No
O	I	5	O5-06_R03	10	R	70	64	62	2.2	66	Yes	No	Yes	No
O	I	5	O5-06_R03	11	R	70	64	62	2.2	66	Yes	No	Yes	No
O	I	5	O5-06_R03	12	R	70	63	62	2.3	66	Yes	No	Yes	No
O	I	5	O5-06_R03	13	R	70	63	62	2.4	66	Yes	No	Yes	No
O	I	5	O5-06_R03	14	R	70	63	62	2.4	65	Yes	No	Yes	No
O	I	5	O5-06_R03	15	R	70	63	62	2.4	65	Yes	No	Yes	No
O	I	5	O5-06_R03	16	R	70	63	61	2.5	65	Yes	No	Yes	No
O	I	5	O5-06_R03	17	R	70	63	61	2.5	65	Yes	No	Yes	No
O	I	5	O5-06_R03	18	R	70	62	61	2.5	65	Yes	No	Yes	No
O	I	5	O5-06_R03	19	R	70	62	61	2.6	65	Yes	No	Yes	No
O	I	5	O5-06_R03	20	R	70	62	61	2.7	65	Yes	No	Yes	No
O	I	5	O5-06_R03	21	R	70	62	61	2.7	65	Yes	No	Yes	No
O	I	5	O5-06_R03	22	R	70	62	61	2.7	64	Yes	No	Yes	No
O	I	5	O5-06_R03	23	R	70	62	61	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	24	R	70	61	61	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	25	R	70	61	61	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	26	R	70	61	61	2.7	64	Yes	No	Yes	No
O	I	5	O5-06_R03	27	R	70	61	61	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	28	R	70	61	61	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	29	R	70	61	60	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	30	R	70	61	60	2.8	64	Yes	No	Yes	No
O	I	5	O5-06_R03	31	R	70	61	60	2.8	63	Yes	No	Yes	No
O	I	5	O5-06_R03	32	R	70	61	60	2.8	63	Yes	No	Yes	No
O	I	5	O5-06_R03	33	R	70	60	60	2.9	63	Yes	No	Yes	No
O	I	5	O5-06_R04	1	R	70	66	65	2.6	68	Yes	No	Yes	No
O	I	5	O5-06_R04	2	R	70	66	65	2.6	68	Yes	No	Yes	No
O	I	5	O5-06_R04	3	R	70	65	65	2.7	68	Yes	No	Yes	No
O	I	5	O5-06_R04	4	R	70	65	65	2.8	68	Yes	No	Yes	No
O	I	5	O5-06_R04	5	R	70	65	65	2.9	68	Yes	No	Yes	No
O	I	5	O5-06_R04	6	R	70	64	64	3.0	67	Yes	No	Yes	No
O	I	5	O5-06_R04	7	R	70	64	64	2.9	67	Yes	No	Yes	No
O	I	5	O5-06_R04	8	R	70	64	64	3.0	67	Yes	No	Yes	No
O	I	5	O5-06_R04	9	R	70	64	64	3.1	67	Yes	No	Yes	No
O	I	5	O5-06_R04	10	R	70	63	64	3.1	67	Yes	No	Yes	No
O	I	5	O5-06_R04	11	R	70	63	63	3.2	66	Yes	No	Yes	No
O	I	5	O5-06_R04	12	R	70	63	63	3.2	66	Yes	No	Yes	No
O	I	5	O5-06_R04	13	R	70	63	63	3.2	66	Yes	No	Yes	No
O	I	5	O5-06_R04	14	R	70	62	63	3.4	66	Yes	No	Yes	No
O	I	5	O5-06_R04	15	R	70	62	63	3.4	66	Yes	No	Yes	No
O	I	5	O5-06_R04	16	R	70	62	63	3.5	66	Yes	No	Yes	No
O	I	5	O5-06_R04	17	R	70	62	63	3.5	65	Yes	No	Yes	No
O	I	5	O5-06_R04	18	R	70	62	63	3.5	65	Yes	No	Yes	No
O	I	5	O5-06_R04	19	R	70	61	63	3.6	65	Yes	No	Yes	No
O	I	5	O5-06_R04	20	R	70	61	62	3.6	65	Yes	No	Yes	No
O	I	5	O5-06_R04	21	R	70	61	62	3.6	65	Yes	No	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-06_R04	22	R	70	61	62	3.7	65	Yes	No	Yes	No
O	I	5	O5-06_R04	23	R	70	61	62	3.7	65	Yes	No	Yes	No
O	I	5	O5-06_R04	24	R	70	61	62	3.8	64	Yes	No	Yes	No
O	I	5	O5-06_R04	25	R	70	61	62	3.9	64	Yes	No	Yes	No
O	I	5	O5-06_R04	26	R	70	60	62	4.0	64	Yes	No	Yes	No
O	I	5	O5-06_R04	27	R	70	60	62	4.1	64	Yes	No	Yes	No
O	I	5	O5-06_R04	28	R	70	60	62	4.2	64	Yes	No	Yes	No
O	I	5	O5-06_R04	29	R	70	60	62	4.2	64	Yes	No	Yes	No
O	I	5	O5-06_R04	30	R	70	60	62	4.2	64	Yes	No	Yes	No
O	I	5	O5-06_R04	31	R	70	60	62	4.3	64	Yes	No	Yes	No
O	I	5	O5-06_R04	32	R	70	60	62	4.3	64	Yes	No	Yes	No
O	I	5	O5-06_R04	33	R	70	60	62	4.2	64	Yes	No	Yes	No
O	I	5	O5-06_R11	1	R	70	63	58	1.4	64	Yes	No	Yes	No
O	I	5	O5-06_R11	2	R	70	62	59	1.5	64	Yes	No	Yes	No
O	I	5	O5-06_R11	3	R	70	62	58	1.5	64	Yes	No	Yes	No
O	I	5	O5-06_R11	4	R	70	62	59	1.6	64	Yes	No	Yes	No
O	I	5	O5-06_R11	5	R	70	62	58	1.5	64	Yes	No	Yes	No
O	I	5	O5-06_R11	6	R	70	62	58	1.6	64	Yes	No	Yes	No
O	I	5	O5-06_R11	7	R	70	62	58	1.7	63	Yes	No	Yes	No
O	I	5	O5-06_R11	8	R	70	62	58	1.7	63	Yes	No	Yes	No
O	I	5	O5-06_R11	9	R	70	61	58	1.8	63	Yes	No	Yes	No
O	I	5	O5-06_R11	10	R	70	61	58	1.8	63	Yes	No	Yes	No
O	I	5	O5-06_R11	11	R	70	61	58	1.8	63	Yes	No	Yes	No
O	I	5	O5-06_R11	12	R	70	61	58	1.9	63	Yes	No	Yes	No
O	I	5	O5-06_R11	13	R	70	60	58	1.9	62	Yes	No	Yes	No
O	I	5	O5-06_R11	14	R	70	60	58	2.0	62	Yes	No	Yes	No
O	I	5	O5-06_R11	15	R	70	60	58	2.0	62	Yes	No	Yes	No
O	I	5	O5-06_R11	16	R	70	60	58	2.0	62	Yes	No	Yes	No
O	I	5	O5-06_R11	17	R	70	60	58	2.1	62	Yes	No	Yes	No
O	I	5	O5-06_R11	18	R	70	60	58	2.1	62	Yes	No	Yes	No
O	I	5	O5-06_R11	19	R	70	59	58	2.2	62	Yes	No	Yes	No
O	I	5	O5-06_R11	20	R	70	59	58	2.2	62	Yes	No	Yes	No
O	I	5	O5-06_R11	21	R	70	59	57	2.3	61	Yes	No	Yes	No
O	I	5	O5-06_R11	22	R	70	59	57	2.3	61	Yes	No	Yes	No
O	I	5	O5-06_R11	23	R	70	59	57	2.3	61	Yes	No	Yes	No
O	I	5	O5-06_R11	24	R	70	59	57	2.3	61	Yes	No	Yes	No
O	I	5	O5-06_R11	25	R	70	59	58	2.5	61	Yes	No	Yes	No
O	I	5	O5-06_R11	26	R	70	59	57	2.5	61	Yes	No	Yes	No
O	I	5	O5-06_R11	27	R	70	58	57	2.5	61	Yes	No	Yes	No
O	I	5	O5-06_R11	28	R	70	58	57	2.5	61	Yes	No	Yes	No
O	I	5	O5-06_R11	29	R	70	58	57	2.6	61	Yes	No	Yes	No
O	I	5	O5-06_R11	30	R	70	58	57	2.6	61	Yes	No	Yes	No
O	I	5	O5-06_R11	31	R	70	58	57	2.6	61	Yes	No	Yes	No
O	I	5	O5-06_R11	32	R	70	58	57	2.6	61	Yes	No	Yes	No
O	I	5	O5-06_R11	33	R	70	58	57	2.4	61	Yes	No	Yes	No
O	I	5	O5-06_R12	1	R	70	62	53	0.5	62	Yes	Yes	Yes	No
O	I	5	O5-06_R12	2	R	70	62	53	0.5	62	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-06_R12	3	R	70	62	53	0.5	62	Yes	Yes	Yes	No
O	I	5	O5-06_R12	4	R	70	62	53	0.6	62	Yes	Yes	Yes	No
O	I	5	O5-06_R12	5	R	70	62	53	0.6	62	Yes	Yes	Yes	No
O	I	5	O5-06_R12	6	R	70	61	53	0.6	62	Yes	Yes	Yes	No
O	I	5	O5-06_R12	7	R	70	61	54	0.7	62	Yes	Yes	Yes	No
O	I	5	O5-06_R12	8	R	70	61	55	1.0	62	Yes	No	Yes	No
O	I	5	O5-06_R12	9	R	70	61	55	1.1	62	Yes	No	Yes	No
O	I	5	O5-06_R12	10	R	70	61	56	1.2	62	Yes	No	Yes	No
O	I	5	O5-06_R12	11	R	70	60	56	1.4	62	Yes	No	Yes	No
O	I	5	O5-06_R12	12	R	70	60	57	1.6	62	Yes	No	Yes	No
O	I	5	O5-06_R12	13	R	70	60	57	1.7	62	Yes	No	Yes	No
O	I	5	O5-06_R12	14	R	70	60	57	1.8	62	Yes	No	Yes	No
O	I	5	O5-06_R12	15	R	70	60	57	1.9	62	Yes	No	Yes	No
O	I	5	O5-06_R12	16	R	70	60	57	1.9	62	Yes	No	Yes	No
O	I	5	O5-06_R12	17	R	70	60	57	1.9	62	Yes	No	Yes	No
O	I	5	O5-06_R12	18	R	70	60	58	2.0	62	Yes	No	Yes	No
O	I	5	O5-06_R12	19	R	70	60	58	2.1	62	Yes	No	Yes	No
O	I	5	O5-06_R12	20	R	70	60	58	2.2	62	Yes	No	Yes	No
O	I	5	O5-06_R12	21	R	70	60	58	2.3	62	Yes	No	Yes	No
O	I	5	O5-06_R12	22	R	70	60	58	2.5	62	Yes	No	Yes	No
O	I	5	O5-06_R12	23	R	70	60	58	2.5	62	Yes	No	Yes	No
O	I	5	O5-06_R12	24	R	70	59	59	2.7	62	Yes	No	Yes	No
O	I	5	O5-06_R12	25	R	70	59	59	2.9	62	Yes	No	Yes	No
O	I	5	O5-06_R12	26	R	70	59	59	3.0	62	Yes	No	Yes	No
O	I	5	O5-06_R12	27	R	70	59	59	3.1	62	Yes	No	Yes	No
O	I	5	O5-06_R12	28	R	70	59	59	3.2	62	Yes	No	Yes	No
O	I	5	O5-06_R12	29	R	70	59	59	3.2	62	Yes	No	Yes	No
O	I	5	O5-06_R12	30	R	70	59	59	3.3	62	Yes	No	Yes	No
O	I	5	O5-06_R12	31	R	70	59	59	3.3	62	Yes	No	Yes	No
O	I	5	O5-06_R12	32	R	70	59	59	3.3	62	Yes	No	Yes	No
O	I	5	O5-06_R12	33	R	70	59	59	3.2	62	Yes	No	Yes	No
O	I	5	O5-06_R21	1	R	70	62	45	0.1	62	Yes	Yes	Yes	No
O	I	5	O5-06_R21	2	R	70	62	45	0.1	62	Yes	Yes	Yes	No
O	I	5	O5-06_R21	3	R	70	62	45	0.1	62	Yes	Yes	Yes	No
O	I	5	O5-06_R21	4	R	70	62	45	0.1	62	Yes	Yes	Yes	No
O	I	5	O5-06_R21	5	R	70	62	45	0.1	62	Yes	Yes	Yes	No
O	I	5	O5-06_R21	6	R	70	62	45	0.1	62	Yes	Yes	Yes	No
O	I	5	O5-06_R21	7	R	70	61	45	0.1	61	Yes	Yes	Yes	No
O	I	5	O5-06_R21	8	R	70	61	46	0.1	61	Yes	Yes	Yes	No
O	I	5	O5-06_R21	9	R	70	61	46	0.1	61	Yes	Yes	Yes	No
O	I	5	O5-06_R21	10	R	70	61	46	0.1	61	Yes	Yes	Yes	No
O	I	5	O5-06_R21	11	R	70	60	46	0.1	60	Yes	Yes	Yes	No
O	I	5	O5-06_R21	12	R	70	60	46	0.2	60	Yes	Yes	Yes	No
O	I	5	O5-06_R21	13	R	70	60	46	0.1	60	Yes	Yes	Yes	No
O	I	5	O5-06_R21	14	R	70	60	46	0.2	60	Yes	Yes	Yes	No
O	I	5	O5-06_R21	15	R	70	60	46	0.2	60	Yes	Yes	Yes	No
O	I	5	O5-06_R21	16	R	70	59	47	0.3	60	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-06_R21	17	R	70	59	47	0.2	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	18	R	70	59	47	0.2	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	19	R	70	59	48	0.3	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	20	R	70	59	48	0.3	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	21	R	70	59	49	0.4	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	22	R	70	58	50	0.6	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	23	R	70	58	50	0.6	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	24	R	70	58	51	0.8	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	25	R	70	58	52	0.9	59	Yes	Yes	Yes	No
O	I	5	O5-06_R21	26	R	70	58	53	1.2	59	Yes	No	Yes	No
O	I	5	O5-06_R21	27	R	70	58	53	1.2	59	Yes	No	Yes	No
O	I	5	O5-06_R21	28	R	70	58	53	1.3	59	Yes	No	Yes	No
O	I	5	O5-06_R21	29	R	70	58	53	1.3	59	Yes	No	Yes	No
O	I	5	O5-06_R21	30	R	70	58	53	1.4	59	Yes	No	Yes	No
O	I	5	O5-06_R21	31	R	70	58	53	1.4	59	Yes	No	Yes	No
O	I	5	O5-06_R21	32	R	70	57	53	1.5	59	Yes	No	Yes	No
O	I	5	O5-06_R21	33	R	70	58	54	1.4	59	Yes	No	Yes	No
O	I	5	O5-06_R22	1	R	70	66	52	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	2	R	70	66	53	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	3	R	70	66	53	0.3	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	4	R	70	66	53	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	5	R	70	65	53	0.3	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	6	R	70	65	53	0.3	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	7	R	70	65	54	0.3	66	Yes	Yes	Yes	No
O	I	5	O5-06_R22	8	R	70	65	53	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	9	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	10	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	11	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	12	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	13	R	70	64	54	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	14	R	70	64	54	0.4	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	15	R	70	64	54	0.4	65	Yes	Yes	Yes	No
O	I	5	O5-06_R22	16	R	70	64	54	0.3	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	17	R	70	64	54	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	18	R	70	64	54	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	19	R	70	64	54	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	20	R	70	64	54	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	21	R	70	64	53	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	22	R	70	63	53	0.5	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	23	R	70	63	53	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	24	R	70	63	53	0.5	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	25	R	70	63	53	0.5	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	26	R	70	63	54	0.4	64	Yes	Yes	Yes	No
O	I	5	O5-06_R22	27	R	70	63	54	0.4	63	Yes	Yes	Yes	No
O	I	5	O5-06_R22	28	R	70	63	54	0.5	63	Yes	Yes	Yes	No
O	I	5	O5-06_R22	29	R	70	63	54	0.5	63	Yes	Yes	Yes	No
O	I	5	O5-06_R22	30	R	70	63	54	0.4	63	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	05-06_R22	31	R	70	63	54	0.5	63	Yes	Yes	Yes	No
O	I	5	05-06_R22	32	R	70	63	54	0.5	63	Yes	Yes	Yes	No
O	I	5	05-06_R22	33	R	70	63	54	0.5	63	Yes	Yes	Yes	No
O	I	5	05-06_R23	1	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	2	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	3	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	4	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	5	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	6	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	7	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	8	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	9	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	10	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	11	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	12	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	13	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	14	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	15	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	16	R	70	68	25	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R23	17	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	18	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	19	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	20	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	21	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	22	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	23	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	24	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	25	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	26	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	27	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	28	R	70	67	25	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R23	29	R	70	66	25	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R23	30	R	70	66	25	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R23	31	R	70	66	25	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R23	32	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R23	33	R	70	66	27	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	1	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	2	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	3	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	4	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	5	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	6	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	7	R	70	68	26	0.0	68	Yes	Yes	Yes	No
O	I	5	05-06_R24	8	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	9	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	10	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	11	R	70	67	26	0.0	67	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	05-06_R24	12	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	13	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	14	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	15	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	16	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	17	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	18	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	19	R	70	67	26	0.0	67	Yes	Yes	Yes	No
O	I	5	05-06_R24	20	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	21	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	22	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	23	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	24	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	25	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	26	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	27	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	28	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	29	R	70	66	26	0.0	66	Yes	Yes	Yes	No
O	I	5	05-06_R24	30	R	70	65	27	0.0	65	Yes	Yes	Yes	No
O	I	5	05-06_R24	31	R	70	65	27	0.0	65	Yes	Yes	Yes	No
O	I	5	05-06_R24	32	R	70	65	27	0.0	65	Yes	Yes	Yes	No
O	I	5	05-06_R24	33	R	70	65	27	0.0	65	Yes	Yes	Yes	No
O	I	5	05-22_R01	1	R	70	77	61	0.1	77	Yes	Yes	No	No
O	I	5	05-22_R01	2	R	70	77	60	0.1	77	Yes	Yes	No	No
O	I	5	05-22_R01	3	R	70	76	60	0.1	76	Yes	Yes	No	No
O	I	5	05-22_R01	4	R	70	76	60	0.1	76	Yes	Yes	No	No
O	I	5	05-22_R01	5	R	70	75	60	0.1	75	Yes	Yes	No	No
O	I	5	05-22_R01	6	R	70	75	59	0.1	75	Yes	Yes	No	No
O	I	5	05-22_R01	7	R	70	74	59	0.1	74	Yes	Yes	No	No
O	I	5	05-22_R01	8	R	70	74	59	0.1	74	Yes	Yes	No	No
O	I	5	05-22_R01	9	R	70	73	59	0.1	74	Yes	Yes	No	No
O	I	5	05-22_R01	10	R	70	73	59	0.1	73	Yes	Yes	No	No
O	I	5	05-22_R01	11	R	70	73	59	0.1	73	Yes	Yes	No	No
O	I	5	05-22_R01	12	R	70	72	58	0.2	73	Yes	Yes	No	No
O	I	5	05-22_R01	13	R	70	72	58	0.2	72	Yes	Yes	No	No
O	I	5	05-22_R01	14	R	70	72	58	0.1	72	Yes	Yes	No	No
O	I	5	05-22_R01	15	R	70	72	58	0.2	72	Yes	Yes	No	No
O	I	5	05-22_R01	16	R	70	71	58	0.2	72	Yes	Yes	No	No
O	I	5	05-22_R01	17	R	70	71	58	0.2	71	Yes	Yes	No	No
O	I	5	05-22_R01	18	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	05-22_R01	19	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	05-22_R01	20	R	70	71	57	0.2	71	Yes	Yes	No	No
O	I	5	05-22_R01	21	R	70	70	57	0.2	71	Yes	Yes	No	No
O	I	5	05-22_R01	22	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	05-22_R01	23	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	05-22_R01	24	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	05-22_R01	25	R	70	70	57	0.3	70	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-22_R01	26	R	70	70	57	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-22_R01	27	R	70	69	57	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-22_R01	28	R	70	69	56	0.2	70	Yes	Yes	Yes	No
O	I	5	O5-22_R01	29	R	70	69	56	0.2	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	30	R	70	69	56	0.2	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	31	R	70	69	56	0.3	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	32	R	70	69	56	0.2	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	33	R	70	69	56	0.2	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	34	R	70	69	56	0.3	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	35	R	70	68	56	0.3	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	36	R	70	68	56	0.3	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	37	R	70	68	56	0.3	69	Yes	Yes	Yes	No
O	I	5	O5-22_R01	38	R	70	68	56	0.3	68	Yes	Yes	Yes	No
O	I	5	O5-22_R01	39	R	70	68	56	0.2	68	Yes	Yes	Yes	No
O	I	5	O5-22_R01	40	R	70	68	56	0.2	68	Yes	Yes	Yes	No
O	I	5	O5-22_R02	1	R	70	69	40	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-22_R02	2	R	70	69	41	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-22_R02	3	R	70	69	44	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-22_R02	4	R	70	68	46	0.0	68	Yes	Yes	Yes	No
O	I	5	O5-22_R02	5	R	70	68	49	0.1	68	Yes	Yes	Yes	No
O	I	5	O5-22_R02	6	R	70	68	49	0.1	68	Yes	Yes	Yes	No
O	I	5	O5-22_R02	7	R	70	67	50	0.1	67	Yes	Yes	Yes	No
O	I	5	O5-22_R02	8	R	70	67	50	0.1	67	Yes	Yes	Yes	No
O	I	5	O5-22_R02	9	R	70	67	50	0.1	67	Yes	Yes	Yes	No
O	I	5	O5-22_R02	10	R	70	67	50	0.1	67	Yes	Yes	Yes	No
O	I	5	O5-22_R02	11	R	70	67	50	0.1	67	Yes	Yes	Yes	No
O	I	5	O5-22_R02	12	R	70	66	50	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	13	R	70	66	50	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	14	R	70	66	51	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	15	R	70	66	51	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	16	R	70	66	51	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	17	R	70	66	51	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	18	R	70	66	51	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	19	R	70	66	51	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	20	R	70	66	51	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	21	R	70	66	52	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	22	R	70	66	52	0.1	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	23	R	70	66	52	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	24	R	70	66	52	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	25	R	70	65	52	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	26	R	70	65	52	0.3	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	27	R	70	65	53	0.2	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	28	R	70	65	53	0.3	66	Yes	Yes	Yes	No
O	I	5	O5-22_R02	29	R	70	65	53	0.2	65	Yes	Yes	Yes	No
O	I	5	O5-22_R02	30	R	70	65	53	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-22_R02	31	R	70	65	53	0.3	65	Yes	Yes	Yes	No
O	I	5	O5-22_R02	32	R	70	65	53	0.3	65	Yes	Yes	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	05-22_R02	33	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	34	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	35	R	70	65	54	0.4	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	36	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	37	R	70	65	54	0.4	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	38	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	39	R	70	65	54	0.3	65	Yes	Yes	Yes	No
O	I	5	05-22_R02	40	R	70	65	54	0.4	65	Yes	Yes	Yes	No
O	I	5	05-22_R03	1	R	70	67	58	0.5	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	2	R	70	67	58	0.6	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	3	R	70	67	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	4	R	70	67	59	0.6	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	5	R	70	67	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	6	R	70	67	59	0.6	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	7	R	70	67	59	0.6	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	8	R	70	66	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	9	R	70	66	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	10	R	70	66	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	11	R	70	66	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	12	R	70	66	59	0.8	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	13	R	70	66	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	14	R	70	66	59	0.7	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	15	R	70	66	59	0.8	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	16	R	70	66	59	0.9	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	17	R	70	66	59	0.9	67	Yes	Yes	Yes	No
O	I	5	05-22_R03	18	R	70	66	60	1.0	67	Yes	No	Yes	No
O	I	5	05-22_R03	19	R	70	65	60	1.1	67	Yes	No	Yes	No
O	I	5	05-22_R03	20	R	70	65	60	1.1	66	Yes	No	Yes	No
O	I	5	05-22_R03	21	R	70	65	60	1.2	66	Yes	No	Yes	No
O	I	5	05-22_R03	22	R	70	65	60	1.3	66	Yes	No	Yes	No
O	I	5	05-22_R03	23	R	70	65	60	1.4	66	Yes	No	Yes	No
O	I	5	05-22_R03	24	R	70	65	60	1.3	66	Yes	No	Yes	No
O	I	5	05-22_R03	25	R	70	65	60	1.3	66	Yes	No	Yes	No
O	I	5	05-22_R03	26	R	70	65	60	1.3	66	Yes	No	Yes	No
O	I	5	05-22_R03	27	R	70	65	60	1.3	66	Yes	No	Yes	No
O	I	5	05-22_R03	28	R	70	64	60	1.4	66	Yes	No	Yes	No
O	I	5	05-22_R03	29	R	70	64	60	1.3	66	Yes	No	Yes	No
O	I	5	05-22_R03	30	R	70	64	60	1.4	66	Yes	No	Yes	No
O	I	5	05-22_R03	31	R	70	64	60	1.4	66	Yes	No	Yes	No
O	I	5	05-22_R03	32	R	70	64	60	1.4	66	Yes	No	Yes	No
O	I	5	05-22_R03	33	R	70	64	60	1.4	65	Yes	No	Yes	No
O	I	5	05-22_R03	34	R	70	64	60	1.4	65	Yes	No	Yes	No
O	I	5	05-22_R03	35	R	70	64	60	1.4	65	Yes	No	Yes	No
O	I	5	05-22_R03	36	R	70	64	60	1.4	65	Yes	No	Yes	No
O	I	5	05-22_R03	37	R	70	64	60	1.4	65	Yes	No	Yes	No
O	I	5	05-22_R03	38	R	70	64	60	1.4	65	Yes	No	Yes	No
O	I	5	05-22_R03	39	R	70	64	59	1.4	65	Yes	No	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-22_R03	40	R	70	63	59	1.5	65	Yes	No	Yes	No
O	I	5	O5-33_R01	1	R	70	69	41	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	2	R	70	70	43	0.0	70	Yes	Yes	Yes	No
O	I	5	O5-33_R01	3	R	70	70	44	0.0	70	Yes	Yes	Yes	No
O	I	5	O5-33_R01	4	R	70	70	45	0.0	70	Yes	Yes	Yes	No
O	I	5	O5-33_R01	5	R	70	69	45	0.1	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	6	R	70	69	46	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	7	R	70	69	46	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	8	R	70	69	46	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	9	R	70	69	46	0.1	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	10	R	70	69	46	0.0	69	Yes	Yes	Yes	No
O	I	5	O5-33_R01	11	R	70	68	46	0.1	68	Yes	Yes	Yes	No
O	I	5	O5-33_R01	12	R	70	68	46	0.1	68	Yes	Yes	Yes	No
O	I	5	O5-33_R02	1	R	70	77	20	0.0	77	Yes	Yes	No	No
O	I	5	O5-33_R02	2	R	70	76	20	0.0	76	Yes	Yes	No	No
O	I	5	O5-33_R02	3	R	70	76	20	0.0	76	Yes	Yes	No	No
O	I	5	O5-33_R02	4	R	70	75	20	0.0	75	Yes	Yes	No	No
O	I	5	O5-33_R02	5	R	70	74	20	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R02	6	R	70	74	21	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R02	7	R	70	73	23	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R02	8	R	70	73	25	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R02	9	R	70	73	28	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R02	10	R	70	72	33	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R02	11	R	70	72	41	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R02	12	R	70	72	47	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R11	1	R	70	77	17	0.0	77	Yes	Yes	No	No
O	I	5	O5-33_R11	2	R	70	76	17	0.0	76	Yes	Yes	No	No
O	I	5	O5-33_R11	3	R	70	76	17	0.0	76	Yes	Yes	No	No
O	I	5	O5-33_R11	4	R	70	75	17	0.0	75	Yes	Yes	No	No
O	I	5	O5-33_R11	5	R	70	74	17	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R11	6	R	70	74	17	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R11	7	R	70	73	17	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R11	8	R	70	73	17	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R11	9	R	70	72	17	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R11	10	R	70	72	16	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R11	11	R	70	72	16	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R11	12	R	70	71	16	0.0	71	Yes	Yes	No	No
O	I	5	O5-33_R21	1	R	70	76	15	0.0	76	Yes	Yes	No	No
O	I	5	O5-33_R21	2	R	70	75	15	0.0	75	Yes	Yes	No	No
O	I	5	O5-33_R21	3	R	70	75	15	0.0	75	Yes	Yes	No	No
O	I	5	O5-33_R21	4	R	70	74	15	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R21	5	R	70	74	15	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R21	6	R	70	73	16	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R21	7	R	70	73	18	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R21	8	R	70	72	20	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R21	9	R	70	72	23	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R21	10	R	70	72	27	0.0	72	Yes	Yes	No	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
O	I	5	O5-33_R21	11	R	70	71	29	0.0	71	Yes	Yes	No	No
O	I	5	O5-33_R21	12	R	70	71	32	0.0	71	Yes	Yes	No	No
O	I	5	O5-33_R31	1	R	70	75	14	0.0	75	Yes	Yes	No	No
O	I	5	O5-33_R31	2	R	70	75	14	0.0	75	Yes	Yes	No	No
O	I	5	O5-33_R31	3	R	70	74	14	0.0	74	Yes	Yes	No	No
O	I	5	O5-33_R31	4	R	70	73	14	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R31	5	R	70	73	15	0.0	73	Yes	Yes	No	No
O	I	5	O5-33_R31	6	R	70	72	15	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R31	7	R	70	72	17	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R31	8	R	70	72	19	0.0	72	Yes	Yes	No	No
O	I	5	O5-33_R31	9	R	70	71	21	0.0	71	Yes	Yes	No	No
O	I	5	O5-33_R31	10	R	70	71	24	0.0	71	Yes	Yes	No	No
O	I	5	O5-33_R31	11	R	70	71	25	0.0	71	Yes	Yes	No	No
O	I	5	O5-33_R31	12	R	70	70	26	0.0	70	Yes	Yes	Yes	No
P	I	1	P1-02_R01	1	R	70	72	72	3.1	75	No	-	No	Yes
P	I	1	P1-02_R01	2	R	70	72	72	3.1	75	No	-	No	Yes
P	I	1	P1-02_R01	3	R	70	71	72	3.1	75	No	-	No	Yes
P	I	1	P1-02_R01	4	R	70	71	72	3.1	74	No	-	No	Yes
P	I	1	P1-02_R01	5	R	70	71	71	3.2	74	No	-	No	Yes
P	I	1	P1-02_R01	6	R	70	71	71	3.2	74	No	-	No	Yes
P	I	1	P1-02_R01	7	R	70	71	71	3.2	74	No	-	No	Yes
P	I	1	P1-02_R01	8	R	70	70	71	3.1	73	No	-	No	Yes
P	I	1	P1-02_R01	9	R	70	70	70	3.2	73	Yes	-	No	Yes
P	I	1	P1-02_R01	10	R	70	70	70	3.2	73	Yes	-	No	Yes
P	I	1	P1-02_R01	11	R	70	70	70	3.1	73	Yes	-	No	Yes
P	I	1	P1-02_R01	12	R	70	69	70	3.2	73	Yes	-	No	Yes
P	I	1	P1-02_R01	13	R	70	69	70	3.1	72	Yes	-	No	Yes
P	I	1	P1-02_R01	14	R	70	69	69	3.1	72	Yes	-	No	Yes
P	I	1	P1-02_R01	15	R	70	69	69	3.1	72	Yes	-	No	Yes
P	I	1	P1-02_R01	16	R	70	69	69	3.1	72	Yes	-	No	Yes
P	I	1	P1-02_R01	17	R	70	69	69	3.2	72	Yes	-	No	Yes
P	I	1	P1-02_R01	18	R	70	68	69	3.1	72	Yes	-	No	Yes
P	I	1	P1-02_R01	19	R	70	68	69	3.1	71	Yes	-	No	Yes
P	I	1	P1-02_R01	20	R	70	68	68	3.2	71	Yes	-	No	Yes
P	I	1	P1-02_R01	21	R	70	68	68	3.2	71	Yes	-	No	Yes
P	I	1	P1-02_R01	22	R	70	68	68	3.1	71	Yes	-	No	Yes
P	I	1	P1-02_R01	23	R	70	68	68	3.1	71	Yes	-	No	Yes
P	I	1	P1-02_R01	24	R	70	68	68	3.1	71	Yes	-	No	Yes
P	I	1	P1-02_R01	25	R	70	67	68	3.1	70	Yes	-	Yes	No
P	I	1	P1-02_R01	26	R	70	67	67	3.1	70	Yes	-	Yes	No
P	I	1	P1-02_R01	27	R	70	67	67	3.2	70	Yes	-	Yes	No
P	I	1	P1-02_R02	1	R	70	62	72	10.2	73	No	-	No	Yes
P	I	1	P1-02_R02	2	R	70	62	72	10.3	73	No	-	No	Yes
P	I	1	P1-02_R02	3	R	70	62	72	10.2	72	No	-	No	Yes
P	I	1	P1-02_R02	4	R	70	62	72	10.3	72	No	-	No	Yes
P	I	1	P1-02_R02	5	R	70	62	72	10.2	72	No	-	No	Yes
P	I	1	P1-02_R02	6	R	70	62	71	10.2	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-02_R02	7	R	70	62	71	10.2	72	No	-	No	Yes
P	I	1	P1-02_R02	8	R	70	61	71	10.1	72	No	-	No	Yes
P	I	1	P1-02_R02	9	R	70	61	71	10.1	71	No	-	No	Yes
P	I	1	P1-02_R02	10	R	70	61	71	10.1	71	No	-	No	Yes
P	I	1	P1-02_R02	11	R	70	61	71	10.0	71	No	-	No	Yes
P	I	1	P1-02_R02	12	R	70	61	70	10.0	71	Yes	-	No	Yes
P	I	1	P1-02_R02	13	R	70	61	70	10.0	71	Yes	-	No	Yes
P	I	1	P1-02_R02	14	R	70	60	70	10.0	70	Yes	-	Yes	No
P	I	1	P1-02_R02	15	R	70	60	70	10.0	70	Yes	-	Yes	No
P	I	1	P1-02_R02	16	R	70	60	70	10.0	70	Yes	-	Yes	No
P	I	1	P1-02_R02	17	R	70	60	69	10.0	70	Yes	-	Yes	No
P	I	1	P1-02_R02	18	R	70	60	69	9.9	70	Yes	-	Yes	No
P	I	1	P1-02_R02	19	R	70	60	69	10.0	70	Yes	-	Yes	No
P	I	1	P1-02_R02	20	R	70	59	69	10.0	69	Yes	-	Yes	No
P	I	1	P1-02_R02	21	R	70	59	69	10.0	69	Yes	-	Yes	No
P	I	1	P1-02_R02	22	R	70	59	69	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R02	23	R	70	59	69	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R02	24	R	70	59	68	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R02	25	R	70	59	68	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R02	26	R	70	59	68	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R02	27	R	70	59	68	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R03	1	R	70	72	54	0.1	72	Yes	-	No	Yes
P	I	1	P1-02_R03	2	R	70	72	54	0.1	72	Yes	-	No	Yes
P	I	1	P1-02_R03	3	R	70	71	54	0.0	71	Yes	-	No	Yes
P	I	1	P1-02_R03	4	R	70	71	54	0.1	71	Yes	-	No	Yes
P	I	1	P1-02_R03	5	R	70	71	54	0.0	71	Yes	-	No	Yes
P	I	1	P1-02_R03	6	R	70	71	54	0.1	71	Yes	-	No	Yes
P	I	1	P1-02_R03	7	R	70	71	54	0.1	71	Yes	-	No	Yes
P	I	1	P1-02_R03	8	R	70	71	54	0.1	71	Yes	-	No	Yes
P	I	1	P1-02_R03	9	R	70	70	54	0.1	70	Yes	-	Yes	No
P	I	1	P1-02_R03	10	R	70	70	54	0.1	70	Yes	-	Yes	No
P	I	1	P1-02_R03	11	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	1	P1-02_R03	12	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	1	P1-02_R03	13	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	1	P1-02_R03	14	R	70	69	53	0.1	70	Yes	-	Yes	No
P	I	1	P1-02_R03	15	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	1	P1-02_R03	16	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	1	P1-02_R03	17	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	1	P1-02_R03	18	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	1	P1-02_R03	19	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	1	P1-02_R03	20	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	1	P1-02_R03	21	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	1	P1-02_R03	22	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	1	P1-02_R03	23	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	1	P1-02_R03	24	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	1	P1-02_R03	25	R	70	68	52	0.2	68	Yes	-	Yes	No
P	I	1	P1-02_R03	26	R	70	68	52	0.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-02_R03	27	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	1	P1-02_R04	1	R	70	72	62	0.5	72	Yes	-	No	Yes
P	I	1	P1-02_R04	2	R	70	71	62	0.5	72	Yes	-	No	Yes
P	I	1	P1-02_R04	3	R	70	71	62	0.5	72	Yes	-	No	Yes
P	I	1	P1-02_R04	4	R	70	71	62	0.5	72	Yes	-	No	Yes
P	I	1	P1-02_R04	5	R	70	71	62	0.5	72	Yes	-	No	Yes
P	I	1	P1-02_R04	6	R	70	71	62	0.4	71	Yes	-	No	Yes
P	I	1	P1-02_R04	7	R	70	71	62	0.5	71	Yes	-	No	Yes
P	I	1	P1-02_R04	8	R	70	71	61	0.5	71	Yes	-	No	Yes
P	I	1	P1-02_R04	9	R	70	71	61	0.5	71	Yes	-	No	Yes
P	I	1	P1-02_R04	10	R	70	70	61	0.5	71	Yes	-	No	Yes
P	I	1	P1-02_R04	11	R	70	70	61	0.4	71	Yes	-	No	Yes
P	I	1	P1-02_R04	12	R	70	70	61	0.5	71	Yes	-	No	Yes
P	I	1	P1-02_R04	13	R	70	70	61	0.5	70	Yes	-	Yes	No
P	I	1	P1-02_R04	14	R	70	70	61	0.5	70	Yes	-	Yes	No
P	I	1	P1-02_R04	15	R	70	70	61	0.5	70	Yes	-	Yes	No
P	I	1	P1-02_R04	16	R	70	70	60	0.5	70	Yes	-	Yes	No
P	I	1	P1-02_R04	17	R	70	69	60	0.5	70	Yes	-	Yes	No
P	I	1	P1-02_R04	18	R	70	69	60	0.5	70	Yes	-	Yes	No
P	I	1	P1-02_R04	19	R	70	69	60	0.6	70	Yes	-	Yes	No
P	I	1	P1-02_R04	20	R	70	69	60	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R04	21	R	70	69	60	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R04	22	R	70	69	60	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R04	23	R	70	69	60	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R04	24	R	70	68	59	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R04	25	R	70	68	59	0.6	69	Yes	-	Yes	No
P	I	1	P1-02_R04	26	R	70	68	59	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R04	27	R	70	68	59	0.5	69	Yes	-	Yes	No
P	I	1	P1-02_R05	1	R	70	71	14	0.0	71	Yes	-	No	Yes
P	I	1	P1-02_R05	2	R	70	71	14	0.0	71	Yes	-	No	Yes
P	I	1	P1-02_R05	3	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	4	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	5	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	6	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	7	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	8	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	9	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	10	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	11	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	12	R	70	70	14	0.0	70	Yes	-	Yes	No
P	I	1	P1-02_R05	13	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	14	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	15	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	16	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	17	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	18	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	19	R	70	69	14	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-02_R05	20	R	70	69	14	0.0	69	Yes	-	Yes	No
P	I	1	P1-02_R05	21	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R05	22	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R05	23	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R05	24	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R05	25	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R05	26	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R05	27	R	70	68	14	0.0	68	Yes	-	Yes	No
P	I	1	P1-02_R11	1	R	70	49	56	7.8	57	Yes	-	Yes	No
P	I	1	P1-02_R11	2	R	70	60	60	2.9	63	Yes	-	Yes	No
P	I	1	P1-02_R11	3	R	70	61	65	5.1	67	Yes	-	Yes	No
P	I	1	P1-02_R11	4	R	70	61	68	7.5	69	Yes	-	Yes	No
P	I	1	P1-02_R11	5	R	70	61	70	9.1	70	Yes	-	Yes	No
P	I	1	P1-02_R11	6	R	70	61	70	9.7	71	Yes	-	No	Yes
P	I	1	P1-02_R11	7	R	70	61	70	10.0	71	Yes	-	No	Yes
P	I	1	P1-02_R11	8	R	70	60	70	10.2	71	Yes	-	No	Yes
P	I	1	P1-02_R11	9	R	70	60	70	10.2	71	Yes	-	No	Yes
P	I	1	P1-02_R11	10	R	70	60	70	10.3	70	Yes	-	Yes	No
P	I	1	P1-02_R11	11	R	70	60	70	10.4	70	Yes	-	Yes	No
P	I	1	P1-02_R11	12	R	70	60	70	10.5	70	Yes	-	Yes	No
P	I	1	P1-02_R11	13	R	70	60	70	10.5	70	Yes	-	Yes	No
P	I	1	P1-02_R11	14	R	70	60	70	10.5	70	Yes	-	Yes	No
P	I	1	P1-02_R11	15	R	70	59	70	10.6	70	Yes	-	Yes	No
P	I	1	P1-02_R11	16	R	70	59	69	10.6	70	Yes	-	Yes	No
P	I	1	P1-02_R11	17	R	70	59	69	10.6	70	Yes	-	Yes	No
P	I	1	P1-02_R11	18	R	70	59	69	10.7	70	Yes	-	Yes	No
P	I	1	P1-02_R11	19	R	70	59	69	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	20	R	70	59	69	10.5	69	Yes	-	Yes	No
P	I	1	P1-02_R11	21	R	70	59	69	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	22	R	70	59	69	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	23	R	70	58	69	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	24	R	70	58	69	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	25	R	70	58	68	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	26	R	70	58	68	10.6	69	Yes	-	Yes	No
P	I	1	P1-02_R11	27	R	70	58	68	10.5	69	Yes	-	Yes	No
P	I	1	P1-02_R21	1	R	70	50	59	9.0	59	Yes	-	Yes	No
P	I	1	P1-02_R21	2	R	70	56	63	7.7	64	Yes	-	Yes	No
P	I	1	P1-02_R21	3	R	70	60	69	9.9	69	Yes	-	Yes	No
P	I	1	P1-02_R21	4	R	70	61	71	10.7	71	No	-	No	Yes
P	I	1	P1-02_R21	5	R	70	61	71	10.5	72	No	-	No	Yes
P	I	1	P1-02_R21	6	R	70	62	71	10.2	72	No	-	No	Yes
P	I	1	P1-02_R21	7	R	70	62	71	10.1	72	No	-	No	Yes
P	I	1	P1-02_R21	8	R	70	62	71	10.0	72	No	-	No	Yes
P	I	1	P1-02_R21	9	R	70	62	71	10.0	72	No	-	No	Yes
P	I	1	P1-02_R21	10	R	70	62	71	9.9	71	No	-	No	Yes
P	I	1	P1-02_R21	11	R	70	61	71	9.9	71	No	-	No	Yes
P	I	1	P1-02_R21	12	R	70	61	71	9.9	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-02_R21	13	R	70	61	71	9.8	71	No	-	No	Yes
P	I	1	P1-02_R21	14	R	70	61	71	9.8	71	No	-	No	Yes
P	I	1	P1-02_R21	15	R	70	61	71	9.8	71	No	-	No	Yes
P	I	1	P1-02_R21	16	R	70	61	70	9.9	71	Yes	-	No	Yes
P	I	1	P1-02_R21	17	R	70	61	70	9.7	71	Yes	-	No	Yes
P	I	1	P1-02_R21	18	R	70	61	70	9.7	71	Yes	-	No	Yes
P	I	1	P1-02_R21	19	R	70	61	70	9.7	71	Yes	-	No	Yes
P	I	1	P1-02_R21	20	R	70	61	70	9.7	71	Yes	-	No	Yes
P	I	1	P1-02_R21	21	R	70	61	70	9.7	70	Yes	-	Yes	No
P	I	1	P1-02_R21	22	R	70	61	70	9.7	70	Yes	-	Yes	No
P	I	1	P1-02_R21	23	R	70	61	70	9.6	70	Yes	-	Yes	No
P	I	1	P1-02_R21	24	R	70	61	70	9.6	70	Yes	-	Yes	No
P	I	1	P1-02_R21	25	R	70	60	70	9.6	70	Yes	-	Yes	No
P	I	1	P1-02_R21	26	R	70	60	69	9.5	70	Yes	-	Yes	No
P	I	1	P1-02_R21	27	R	70	60	69	9.5	70	Yes	-	Yes	No
P	I	1	P1-02_R22	1	R	70	24	64	39.8	64	Yes	-	Yes	No
P	I	1	P1-02_R22	2	R	70	24	64	39.8	64	Yes	-	Yes	No
P	I	1	P1-02_R22	3	R	70	25	64	39.0	64	Yes	-	Yes	No
P	I	1	P1-02_R22	4	R	70	26	64	37.9	64	Yes	-	Yes	No
P	I	1	P1-02_R22	5	R	70	28	65	36.8	65	Yes	-	Yes	No
P	I	1	P1-02_R22	6	R	70	30	65	35.7	65	Yes	-	Yes	No
P	I	1	P1-02_R22	7	R	70	31	66	34.2	66	Yes	-	Yes	No
P	I	1	P1-02_R22	8	R	70	33	66	32.2	66	Yes	-	Yes	No
P	I	1	P1-02_R22	9	R	70	36	66	30.1	66	Yes	-	Yes	No
P	I	1	P1-02_R22	10	R	70	38	66	27.5	66	Yes	-	Yes	No
P	I	1	P1-02_R22	11	R	70	41	66	24.4	66	Yes	-	Yes	No
P	I	1	P1-02_R22	12	R	70	45	65	20.3	66	Yes	-	Yes	No
P	I	1	P1-02_R22	13	R	70	48	65	17.3	65	Yes	-	Yes	No
P	I	1	P1-02_R22	14	R	70	50	65	15.3	66	Yes	-	Yes	No
P	I	1	P1-02_R22	15	R	70	51	65	14.3	66	Yes	-	Yes	No
P	I	1	P1-02_R22	16	R	70	52	66	14.0	66	Yes	-	Yes	No
P	I	1	P1-02_R22	17	R	70	52	66	14.1	66	Yes	-	Yes	No
P	I	1	P1-02_R22	18	R	70	52	66	14.4	66	Yes	-	Yes	No
P	I	1	P1-02_R22	19	R	70	52	66	14.5	67	Yes	-	Yes	No
P	I	1	P1-02_R22	20	R	70	52	67	14.5	67	Yes	-	Yes	No
P	I	1	P1-02_R22	21	R	70	52	67	14.4	67	Yes	-	Yes	No
P	I	1	P1-02_R22	22	R	70	52	67	14.4	67	Yes	-	Yes	No
P	I	1	P1-02_R22	23	R	70	53	67	14.4	67	Yes	-	Yes	No
P	I	1	P1-02_R22	24	R	70	53	67	14.4	67	Yes	-	Yes	No
P	I	1	P1-02_R22	25	R	70	53	67	14.3	67	Yes	-	Yes	No
P	I	1	P1-02_R22	26	R	70	53	67	14.3	67	Yes	-	Yes	No
P	I	1	P1-02_R22	27	R	70	53	67	14.3	67	Yes	-	Yes	No
P	I	1	P1-02_R31	1	R	70	23	57	33.9	57	Yes	-	Yes	No
P	I	1	P1-02_R31	2	R	70	23	58	34.1	58	Yes	-	Yes	No
P	I	1	P1-02_R31	3	R	70	24	58	33.9	58	Yes	-	Yes	No
P	I	1	P1-02_R31	4	R	70	25	58	33.3	58	Yes	-	Yes	No
P	I	1	P1-02_R31	5	R	70	26	58	32.3	58	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-02_R31	6	R	70	27	59	31.3	59	Yes	-	Yes	No
P	I	1	P1-02_R31	7	R	70	29	59	30.0	59	Yes	-	Yes	No
P	I	1	P1-02_R31	8	R	70	30	59	28.8	59	Yes	-	Yes	No
P	I	1	P1-02_R31	9	R	70	32	59	27.4	59	Yes	-	Yes	No
P	I	1	P1-02_R31	10	R	70	33	59	25.8	59	Yes	-	Yes	No
P	I	1	P1-02_R31	11	R	70	35	59	24.1	59	Yes	-	Yes	No
P	I	1	P1-02_R31	12	R	70	38	60	21.8	60	Yes	-	Yes	No
P	I	1	P1-02_R31	13	R	70	41	60	19.3	60	Yes	-	Yes	No
P	I	1	P1-02_R31	14	R	70	42	60	18.3	60	Yes	-	Yes	No
P	I	1	P1-02_R31	15	R	70	43	60	17.4	60	Yes	-	Yes	No
P	I	1	P1-02_R31	16	R	70	44	60	16.5	61	Yes	-	Yes	No
P	I	1	P1-02_R31	17	R	70	45	61	15.3	61	Yes	-	Yes	No
P	I	1	P1-02_R31	18	R	70	47	61	14.3	61	Yes	-	Yes	No
P	I	1	P1-02_R31	19	R	70	48	61	13.3	61	Yes	-	Yes	No
P	I	1	P1-02_R31	20	R	70	49	61	12.4	61	Yes	-	Yes	No
P	I	1	P1-02_R31	21	R	70	50	61	11.5	61	Yes	-	Yes	No
P	I	1	P1-02_R31	22	R	70	50	61	11.3	61	Yes	-	Yes	No
P	I	1	P1-02_R31	23	R	70	50	61	11.3	62	Yes	-	Yes	No
P	I	1	P1-02_R31	24	R	70	51	62	11.3	62	Yes	-	Yes	No
P	I	1	P1-02_R31	25	R	70	51	62	11.2	62	Yes	-	Yes	No
P	I	1	P1-02_R31	26	R	70	51	62	11.1	62	Yes	-	Yes	No
P	I	1	P1-02_R31	27	R	70	51	62	11.2	63	Yes	-	Yes	No
P	I	1	P1-03_E01	1	E	65	20	53	33.8	53	Yes	-	Yes	No
P	I	1	P1-03_E01	2	E	65	20	55	35.2	55	Yes	-	Yes	No
P	I	1	P1-03_E01	3	E	65	20	56	35.9	56	Yes	-	Yes	No
P	I	1	P1-03_E01	4	E	65	21	57	36.1	57	Yes	-	Yes	No
P	I	1	P1-03_E01	5	E	65	22	58	36.1	58	Yes	-	Yes	No
P	I	1	P1-03_E01	6	E	65	23	58	35.2	58	Yes	-	Yes	No
P	I	1	P1-03_E01	7	E	65	26	59	33.3	59	Yes	-	Yes	No
P	I	1	P1-03_E01	8	E	65	28	59	30.6	59	Yes	-	Yes	No
P	I	1	P1-03_E11	1	E	65	48	57	9.8	58	Yes	-	Yes	No
P	I	1	P1-03_E11	2	E	65	50	60	10.4	60	Yes	-	Yes	No
P	I	1	P1-03_E11	3	E	65	50	61	11.3	61	Yes	-	Yes	No
P	I	1	P1-03_E11	4	E	65	50	62	12.1	62	Yes	-	Yes	No
P	I	1	P1-03_E11	5	E	65	50	63	12.8	63	Yes	-	Yes	No
P	I	1	P1-03_E11	6	E	65	50	63	13.4	64	Yes	-	Yes	No
P	I	1	P1-03_E11	7	E	65	50	64	13.6	64	Yes	-	Yes	No
P	I	1	P1-03_E11	8	E	65	50	64	13.7	64	Yes	-	Yes	No
P	I	1	P1-04_R01	1	R	70	21	47	25.4	47	Yes	-	Yes	No
P	I	1	P1-04_R01	2	R	70	21	48	27.1	48	Yes	-	Yes	No
P	I	1	P1-04_R01	3	R	70	22	51	29.0	51	Yes	-	Yes	No
P	I	1	P1-04_R01	4	R	70	23	53	29.9	53	Yes	-	Yes	No
P	I	1	P1-04_R01	5	R	70	24	53	29.7	53	Yes	-	Yes	No
P	I	1	P1-04_R01	6	R	70	25	54	28.9	54	Yes	-	Yes	No
P	I	1	P1-04_R01	7	R	70	26	54	27.7	54	Yes	-	Yes	No
P	I	1	P1-04_R01	8	R	70	27	54	26.6	54	Yes	-	Yes	No
P	I	1	P1-04_R01	9	R	70	29	54	25.6	54	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-04_R01	10	R	70	30	54	24.3	54	Yes	-	Yes	No
P	I	1	P1-04_R01	11	R	70	31	54	23.1	55	Yes	-	Yes	No
P	I	1	P1-04_R01	12	R	70	33	55	21.8	55	Yes	-	Yes	No
P	I	1	P1-04_R01	13	R	70	34	55	20.3	55	Yes	-	Yes	No
P	I	1	P1-04_R01	14	R	70	36	55	18.5	55	Yes	-	Yes	No
P	I	1	P1-04_R01	15	R	70	39	55	16.3	55	Yes	-	Yes	No
P	I	1	P1-04_R01	16	R	70	41	55	14.3	55	Yes	-	Yes	No
P	I	1	P1-04_R01	17	R	70	42	55	13.2	56	Yes	-	Yes	No
P	I	1	P1-04_R01	18	R	70	44	56	12.4	56	Yes	-	Yes	No
P	I	1	P1-04_R01	19	R	70	45	56	12.0	57	Yes	-	Yes	No
P	I	1	P1-04_R01	20	R	70	45	57	11.7	57	Yes	-	Yes	No
P	I	1	P1-04_R01	21	R	70	46	57	11.3	57	Yes	-	Yes	No
P	I	1	P1-04_R01	22	R	70	46	57	11.1	57	Yes	-	Yes	No
P	I	1	P1-04_R01	23	R	70	47	57	10.9	58	Yes	-	Yes	No
P	I	1	P1-04_R01	24	R	70	47	57	10.9	58	Yes	-	Yes	No
P	I	1	P1-04_R01	25	R	70	47	57	10.8	58	Yes	-	Yes	No
P	I	1	P1-04_R01	26	R	70	47	58	10.8	58	Yes	-	Yes	No
P	I	1	P1-04_R01	27	R	70	47	58	10.9	58	Yes	-	Yes	No
P	I	1	P1-04_R01	28	R	70	48	58	11.0	59	Yes	-	Yes	No
P	I	1	P1-04_R01	29	R	70	48	58	11.0	59	Yes	-	Yes	No
P	I	1	P1-04_R01	30	R	70	48	59	10.9	59	Yes	-	Yes	No
P	I	1	P1-04_R01	31	R	70	48	59	10.9	59	Yes	-	Yes	No
P	I	1	P1-04_R01	32	R	70	48	59	11.0	59	Yes	-	Yes	No
P	I	1	P1-04_R01	33	R	70	49	59	11.0	60	Yes	-	Yes	No
P	I	1	P1-04_R01	34	R	70	49	59	11.0	60	Yes	-	Yes	No
P	I	1	P1-04_R01	35	R	70	49	60	11.1	60	Yes	-	Yes	No
P	I	1	P1-04_R01	36	R	70	49	60	11.2	60	Yes	-	Yes	No
P	I	1	P1-04_R01	37	R	70	49	60	11.3	60	Yes	-	Yes	No
P	I	1	P1-05_R01	1	R	70	46	57	11.3	57	Yes	-	Yes	No
P	I	1	P1-05_R01	2	R	70	47	58	11.3	58	Yes	-	Yes	No
P	I	1	P1-05_R01	3	R	70	47	58	11.5	59	Yes	-	Yes	No
P	I	1	P1-05_R01	4	R	70	47	59	11.6	59	Yes	-	Yes	No
P	I	1	P1-05_R01	5	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	6	R	70	48	59	11.9	59	Yes	-	Yes	No
P	I	1	P1-05_R01	7	R	70	48	59	12.0	60	Yes	-	Yes	No
P	I	1	P1-05_R01	8	R	70	48	59	12.0	60	Yes	-	Yes	No
P	I	1	P1-05_R01	9	R	70	48	59	12.0	60	Yes	-	Yes	No
P	I	1	P1-05_R01	10	R	70	48	59	11.9	60	Yes	-	Yes	No
P	I	1	P1-05_R01	11	R	70	48	59	12.0	60	Yes	-	Yes	No
P	I	1	P1-05_R01	12	R	70	48	59	11.9	59	Yes	-	Yes	No
P	I	1	P1-05_R01	13	R	70	48	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	14	R	70	48	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	15	R	70	48	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	16	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	17	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	18	R	70	47	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	19	R	70	47	59	11.7	59	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-05_R01	20	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	21	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	22	R	70	47	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	23	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	24	R	70	47	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	25	R	70	47	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	26	R	70	47	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	27	R	70	47	59	11.7	59	Yes	-	Yes	No
P	I	1	P1-05_R01	28	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	29	R	70	47	59	11.8	59	Yes	-	Yes	No
P	I	1	P1-05_R01	30	R	70	47	59	11.9	59	Yes	-	Yes	No
P	I	1	P1-05_R01	31	R	70	47	59	12.0	59	Yes	-	Yes	No
P	I	1	P1-05_R11	1	R	70	43	67	23.9	67	Yes	-	Yes	No
P	I	1	P1-05_R11	2	R	70	43	67	23.2	67	Yes	-	Yes	No
P	I	1	P1-05_R11	3	R	70	44	66	22.5	66	Yes	-	Yes	No
P	I	1	P1-05_R11	4	R	70	44	66	21.9	66	Yes	-	Yes	No
P	I	1	P1-05_R11	5	R	70	44	66	21.6	66	Yes	-	Yes	No
P	I	1	P1-05_R11	6	R	70	44	66	21.2	66	Yes	-	Yes	No
P	I	1	P1-05_R11	7	R	70	44	65	20.9	65	Yes	-	Yes	No
P	I	1	P1-05_R11	8	R	70	44	65	20.6	65	Yes	-	Yes	No
P	I	1	P1-05_R11	9	R	70	44	65	20.4	65	Yes	-	Yes	No
P	I	1	P1-05_R11	10	R	70	44	65	20.2	65	Yes	-	Yes	No
P	I	1	P1-05_R11	11	R	70	44	64	20.1	65	Yes	-	Yes	No
P	I	1	P1-05_R11	12	R	70	45	64	19.8	64	Yes	-	Yes	No
P	I	1	P1-05_R11	13	R	70	45	64	19.6	64	Yes	-	Yes	No
P	I	1	P1-05_R11	14	R	70	45	64	19.5	64	Yes	-	Yes	No
P	I	1	P1-05_R11	15	R	70	45	64	19.4	64	Yes	-	Yes	No
P	I	1	P1-05_R11	16	R	70	45	64	19.3	64	Yes	-	Yes	No
P	I	1	P1-05_R11	17	R	70	44	64	19.3	64	Yes	-	Yes	No
P	I	1	P1-05_R11	18	R	70	44	64	19.1	64	Yes	-	Yes	No
P	I	1	P1-05_R11	19	R	70	44	63	19.0	63	Yes	-	Yes	No
P	I	1	P1-05_R11	20	R	70	44	63	18.9	63	Yes	-	Yes	No
P	I	1	P1-05_R11	21	R	70	44	63	18.8	63	Yes	-	Yes	No
P	I	1	P1-05_R11	22	R	70	44	63	18.7	63	Yes	-	Yes	No
P	I	1	P1-05_R11	23	R	70	45	63	18.5	63	Yes	-	Yes	No
P	I	1	P1-05_R11	24	R	70	44	63	18.5	63	Yes	-	Yes	No
P	I	1	P1-05_R11	25	R	70	45	63	18.3	63	Yes	-	Yes	No
P	I	1	P1-05_R11	26	R	70	45	63	18.1	63	Yes	-	Yes	No
P	I	1	P1-05_R11	27	R	70	45	63	17.8	63	Yes	-	Yes	No
P	I	1	P1-05_R11	28	R	70	45	63	17.6	63	Yes	-	Yes	No
P	I	1	P1-05_R11	29	R	70	45	62	17.1	63	Yes	-	Yes	No
P	I	1	P1-05_R11	30	R	70	46	62	16.7	62	Yes	-	Yes	No
P	I	1	P1-05_R11	31	R	70	46	62	16.5	62	Yes	-	Yes	No
P	I	1	P1-06_R01	1	R	70	16	70	53.6	70	Yes	-	Yes	No
P	I	1	P1-06_R01	2	R	70	16	70	53.4	70	Yes	-	Yes	No
P	I	1	P1-06_R01	3	R	70	17	70	53.1	70	Yes	-	Yes	No
P	I	1	P1-06_R01	4	R	70	17	69	52.9	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-06_R01	5	R	70	17	69	52.6	69	Yes	-	Yes	No
P	I	1	P1-06_R01	6	R	70	17	69	52.4	69	Yes	-	Yes	No
P	I	1	P1-06_R01	7	R	70	17	69	52.1	69	Yes	-	Yes	No
P	I	1	P1-06_R01	8	R	70	17	68	51.8	68	Yes	-	Yes	No
P	I	1	P1-06_R01	9	R	70	17	68	51.6	68	Yes	-	Yes	No
P	I	1	P1-06_R01	10	R	70	17	68	51.4	68	Yes	-	Yes	No
P	I	1	P1-06_R01	11	R	70	17	68	51.2	68	Yes	-	Yes	No
P	I	1	P1-06_R01	12	R	70	17	68	51.0	68	Yes	-	Yes	No
P	I	1	P1-06_R01	13	R	70	17	67	50.8	67	Yes	-	Yes	No
P	I	1	P1-06_R01	14	R	70	17	67	50.6	67	Yes	-	Yes	No
P	I	1	P1-06_R01	15	R	70	17	67	50.4	67	Yes	-	Yes	No
P	I	1	P1-06_R01	16	R	70	17	67	50.2	67	Yes	-	Yes	No
P	I	1	P1-06_R01	17	R	70	17	67	50.0	67	Yes	-	Yes	No
P	I	1	P1-06_R01	18	R	70	17	67	49.9	67	Yes	-	Yes	No
P	I	1	P1-06_R01	19	R	70	17	66	49.7	66	Yes	-	Yes	No
P	I	1	P1-06_R01	20	R	70	17	66	49.6	66	Yes	-	Yes	No
P	I	1	P1-06_R01	21	R	70	17	66	49.4	66	Yes	-	Yes	No
P	I	1	P1-06_R01	22	R	70	17	66	49.4	66	Yes	-	Yes	No
P	I	1	P1-06_R01	23	R	70	17	66	49.2	66	Yes	-	Yes	No
P	I	1	P1-06_R01	24	R	70	17	66	49.1	66	Yes	-	Yes	No
P	I	1	P1-06_R01	25	R	70	17	65	48.9	65	Yes	-	Yes	No
P	I	1	P1-06_R01	26	R	70	17	65	48.8	65	Yes	-	Yes	No
P	I	1	P1-06_R01	27	R	70	16	65	48.8	65	Yes	-	Yes	No
P	I	1	P1-06_R01	28	R	70	16	65	48.7	65	Yes	-	Yes	No
P	I	1	P1-06_R01	29	R	70	16	65	48.6	65	Yes	-	Yes	No
P	I	1	P1-06_R01	30	R	70	16	65	48.4	65	Yes	-	Yes	No
P	I	1	P1-06_R01	31	R	70	17	65	48.2	65	Yes	-	Yes	No
P	I	1	P1-06_R01	32	R	70	18	65	46.7	65	Yes	-	Yes	No
P	I	1	P1-06_R01	33	R	70	20	65	44.7	65	Yes	-	Yes	No
P	I	1	P1-06_R01	34	R	70	22	64	42.6	64	Yes	-	Yes	No
P	I	1	P1-06_R11	1	R	70	15	69	53.3	69	Yes	-	Yes	No
P	I	1	P1-06_R11	2	R	70	15	69	53.6	69	Yes	-	Yes	No
P	I	1	P1-06_R11	3	R	70	15	69	53.7	69	Yes	-	Yes	No
P	I	1	P1-06_R11	4	R	70	15	69	53.7	69	Yes	-	Yes	No
P	I	1	P1-06_R11	5	R	70	15	69	53.5	69	Yes	-	Yes	No
P	I	1	P1-06_R11	6	R	70	15	69	53.4	69	Yes	-	Yes	No
P	I	1	P1-06_R11	7	R	70	15	69	53.5	69	Yes	-	Yes	No
P	I	1	P1-06_R11	8	R	70	15	69	53.3	69	Yes	-	Yes	No
P	I	1	P1-06_R11	9	R	70	15	69	53.1	69	Yes	-	Yes	No
P	I	1	P1-06_R11	10	R	70	15	68	53.0	68	Yes	-	Yes	No
P	I	1	P1-06_R11	11	R	70	15	68	52.9	68	Yes	-	Yes	No
P	I	1	P1-06_R11	12	R	70	15	68	52.8	68	Yes	-	Yes	No
P	I	1	P1-06_R11	13	R	70	15	68	52.7	68	Yes	-	Yes	No
P	I	1	P1-06_R11	14	R	70	15	68	52.5	68	Yes	-	Yes	No
P	I	1	P1-06_R11	15	R	70	15	68	52.4	68	Yes	-	Yes	No
P	I	1	P1-06_R11	16	R	70	15	68	52.3	68	Yes	-	Yes	No
P	I	1	P1-06_R11	17	R	70	15	68	52.2	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-06_R11	18	R	70	15	67	52.1	67	Yes	-	Yes	No
P	I	1	P1-06_R11	19	R	70	15	67	52.0	67	Yes	-	Yes	No
P	I	1	P1-06_R11	20	R	70	15	67	51.8	67	Yes	-	Yes	No
P	I	1	P1-06_R11	21	R	70	15	67	51.7	67	Yes	-	Yes	No
P	I	1	P1-06_R11	22	R	70	15	67	51.7	67	Yes	-	Yes	No
P	I	1	P1-06_R11	23	R	70	15	67	51.5	67	Yes	-	Yes	No
P	I	1	P1-06_R11	24	R	70	15	67	51.4	67	Yes	-	Yes	No
P	I	1	P1-06_R11	25	R	70	15	67	51.3	67	Yes	-	Yes	No
P	I	1	P1-06_R11	26	R	70	15	66	51.3	66	Yes	-	Yes	No
P	I	1	P1-06_R11	27	R	70	15	66	51.2	66	Yes	-	Yes	No
P	I	1	P1-06_R11	28	R	70	15	66	51.1	66	Yes	-	Yes	No
P	I	1	P1-06_R11	29	R	70	15	66	51.0	66	Yes	-	Yes	No
P	I	1	P1-06_R11	30	R	70	15	66	50.9	66	Yes	-	Yes	No
P	I	1	P1-06_R11	31	R	70	15	66	51.0	66	Yes	-	Yes	No
P	I	1	P1-06_R11	32	R	70	15	66	50.7	66	Yes	-	Yes	No
P	I	1	P1-06_R11	33	R	70	15	66	50.7	66	Yes	-	Yes	No
P	I	1	P1-06_R11	34	R	70	15	66	50.5	66	Yes	-	Yes	No
P	I	1	P1-08_R01	1	R	70	11	70	59.1	70	Yes	-	Yes	No
P	I	1	P1-08_R01	2	R	70	11	71	59.4	71	No	-	No	Yes
P	I	1	P1-08_R01	3	R	70	11	71	59.5	71	No	-	No	Yes
P	I	1	P1-08_R01	4	R	70	11	71	59.5	71	No	-	No	Yes
P	I	1	P1-08_R01	5	R	70	11	71	59.4	71	No	-	No	Yes
P	I	1	P1-08_R01	6	R	70	11	70	59.2	70	Yes	-	Yes	No
P	I	1	P1-08_R01	7	R	70	11	70	59.1	70	Yes	-	Yes	No
P	I	1	P1-08_R01	8	R	70	11	70	59.0	70	Yes	-	Yes	No
P	I	1	P1-08_R01	9	R	70	11	70	58.8	70	Yes	-	Yes	No
P	I	1	P1-08_R01	10	R	70	11	70	58.6	70	Yes	-	Yes	No
P	I	1	P1-08_R01	11	R	70	11	70	58.4	70	Yes	-	Yes	No
P	I	1	P1-08_R01	12	R	70	11	69	58.2	69	Yes	-	Yes	No
P	I	1	P1-08_R01	13	R	70	11	69	58.0	69	Yes	-	Yes	No
P	I	1	P1-08_R01	14	R	70	11	69	57.9	69	Yes	-	Yes	No
P	I	1	P1-08_R01	15	R	70	11	69	57.7	69	Yes	-	Yes	No
P	I	1	P1-08_R01	16	R	70	11	69	57.5	69	Yes	-	Yes	No
P	I	1	P1-08_R01	17	R	70	11	68	57.3	68	Yes	-	Yes	No
P	I	1	P1-08_R01	18	R	70	11	68	57.2	68	Yes	-	Yes	No
P	I	1	P1-08_R01	19	R	70	11	68	57.1	68	Yes	-	Yes	No
P	I	1	P1-08_R01	20	R	70	11	68	57.0	68	Yes	-	Yes	No
P	I	1	P1-08_R01	21	R	70	11	68	56.8	68	Yes	-	Yes	No
P	I	1	P1-08_R01	22	R	70	11	68	56.7	68	Yes	-	Yes	No
P	I	1	P1-08_R01	23	R	70	11	68	56.6	68	Yes	-	Yes	No
P	I	1	P1-08_R01	24	R	70	11	67	56.4	67	Yes	-	Yes	No
P	I	1	P1-08_R01	25	R	70	11	67	56.3	67	Yes	-	Yes	No
P	I	1	P1-08_R01	26	R	70	11	67	56.3	67	Yes	-	Yes	No
P	I	1	P1-08_R01	27	R	70	11	67	56.2	67	Yes	-	Yes	No
P	I	1	P1-08_R01	28	R	70	11	67	56.0	67	Yes	-	Yes	No
P	I	1	P1-08_R01	29	R	70	11	67	55.9	67	Yes	-	Yes	No
P	I	1	P1-08_R01	30	R	70	11	67	55.8	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-08_R01	31	R	70	11	67	55.7	67	Yes	-	Yes	No
P	I	1	P1-08_R01	32	R	70	11	67	55.7	67	Yes	-	Yes	No
P	I	1	P1-08_R01	33	R	70	11	66	55.6	66	Yes	-	Yes	No
P	I	1	P1-08_R01	34	R	70	11	66	55.8	66	Yes	-	Yes	No
P	I	1	P1-08_R02	1	R	70	0	72	72.1	72	No	-	No	Yes
P	I	1	P1-08_R02	2	R	70	0	72	72.3	72	No	-	No	Yes
P	I	1	P1-08_R02	3	R	70	0	72	72.3	72	No	-	No	Yes
P	I	1	P1-08_R02	4	R	70	0	72	72.1	72	No	-	No	Yes
P	I	1	P1-08_R02	5	R	70	0	72	72.0	72	No	-	No	Yes
P	I	1	P1-08_R02	6	R	70	0	72	71.8	72	No	-	No	Yes
P	I	1	P1-08_R02	7	R	70	0	72	71.6	72	No	-	No	Yes
P	I	1	P1-08_R02	8	R	70	0	71	71.3	71	No	-	No	Yes
P	I	1	P1-08_R02	9	R	70	0	71	71.1	71	No	-	No	Yes
P	I	1	P1-08_R02	10	R	70	0	71	70.9	71	No	-	No	Yes
P	I	1	P1-08_R02	11	R	70	0	71	70.7	71	No	-	No	Yes
P	I	1	P1-08_R02	12	R	70	0	71	70.5	71	No	-	No	Yes
P	I	1	P1-08_R02	13	R	70	0	70	70.3	70	Yes	-	Yes	No
P	I	1	P1-08_R02	14	R	70	0	70	70.2	70	Yes	-	Yes	No
P	I	1	P1-08_R02	15	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	1	P1-08_R02	16	R	70	0	70	69.8	70	Yes	-	Yes	No
P	I	1	P1-08_R02	17	R	70	0	70	69.6	70	Yes	-	Yes	No
P	I	1	P1-08_R02	18	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	1	P1-08_R02	19	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	1	P1-08_R02	20	R	70	0	69	69.2	69	Yes	-	Yes	No
P	I	1	P1-08_R02	21	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	1	P1-08_R02	22	R	70	0	69	68.9	69	Yes	-	Yes	No
P	I	1	P1-08_R02	23	R	70	0	69	68.8	69	Yes	-	Yes	No
P	I	1	P1-08_R02	24	R	70	0	69	68.6	69	Yes	-	Yes	No
P	I	1	P1-08_R02	25	R	70	0	69	68.5	69	Yes	-	Yes	No
P	I	1	P1-08_R02	26	R	70	0	68	68.4	68	Yes	-	Yes	No
P	I	1	P1-08_R02	27	R	70	0	68	68.3	68	Yes	-	Yes	No
P	I	1	P1-08_R02	28	R	70	0	68	68.1	68	Yes	-	Yes	No
P	I	1	P1-08_R02	29	R	70	0	68	68.0	68	Yes	-	Yes	No
P	I	1	P1-08_R02	30	R	70	0	68	67.9	68	Yes	-	Yes	No
P	I	1	P1-08_R02	31	R	70	0	68	67.8	68	Yes	-	Yes	No
P	I	1	P1-08_R02	32	R	70	0	68	67.7	68	Yes	-	Yes	No
P	I	1	P1-08_R02	33	R	70	0	68	67.6	68	Yes	-	Yes	No
P	I	1	P1-08_R02	34	R	70	0	68	67.5	68	Yes	-	Yes	No
P	I	1	P1-08_R11	1	R	70	14	74	59.8	74	No	-	No	Yes
P	I	1	P1-08_R11	2	R	70	14	74	59.7	74	No	-	No	Yes
P	I	1	P1-08_R11	3	R	70	14	74	59.5	74	No	-	No	Yes
P	I	1	P1-08_R11	4	R	70	14	74	59.2	74	No	-	No	Yes
P	I	1	P1-08_R11	5	R	70	14	73	58.8	73	No	-	No	Yes
P	I	1	P1-08_R11	6	R	70	14	73	58.6	73	No	-	No	Yes
P	I	1	P1-08_R11	7	R	70	14	73	58.3	73	No	-	No	Yes
P	I	1	P1-08_R11	8	R	70	14	72	58.0	72	No	-	No	Yes
P	I	1	P1-08_R11	9	R	70	14	72	57.7	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-08_R11	10	R	70	14	72	57.5	72	No	-	No	Yes
P	I	1	P1-08_R11	11	R	70	14	72	57.2	72	No	-	No	Yes
P	I	1	P1-08_R11	12	R	70	14	71	57.0	71	No	-	No	Yes
P	I	1	P1-08_R11	13	R	70	14	71	56.8	71	No	-	No	Yes
P	I	1	P1-08_R11	14	R	70	14	71	56.6	71	No	-	No	Yes
P	I	1	P1-08_R11	15	R	70	14	71	56.4	71	No	-	No	Yes
P	I	1	P1-08_R11	16	R	70	14	71	56.2	71	No	-	No	Yes
P	I	1	P1-08_R11	17	R	70	14	70	56.0	70	Yes	-	Yes	No
P	I	1	P1-08_R11	18	R	70	14	70	55.8	70	Yes	-	Yes	No
P	I	1	P1-08_R11	19	R	70	14	70	55.7	70	Yes	-	Yes	No
P	I	1	P1-08_R11	20	R	70	14	70	55.5	70	Yes	-	Yes	No
P	I	1	P1-08_R11	21	R	70	14	70	55.3	70	Yes	-	Yes	No
P	I	1	P1-08_R11	22	R	70	14	70	55.3	70	Yes	-	Yes	No
P	I	1	P1-08_R11	23	R	70	14	69	55.1	69	Yes	-	Yes	No
P	I	1	P1-08_R11	24	R	70	14	69	55.0	69	Yes	-	Yes	No
P	I	1	P1-08_R11	25	R	70	14	69	54.8	69	Yes	-	Yes	No
P	I	1	P1-08_R11	26	R	70	14	69	54.7	69	Yes	-	Yes	No
P	I	1	P1-08_R11	27	R	70	14	69	54.6	69	Yes	-	Yes	No
P	I	1	P1-08_R11	28	R	70	14	69	54.5	69	Yes	-	Yes	No
P	I	1	P1-08_R11	29	R	70	14	69	54.3	69	Yes	-	Yes	No
P	I	1	P1-08_R11	30	R	70	14	68	54.3	68	Yes	-	Yes	No
P	I	1	P1-08_R11	31	R	70	14	68	54.2	68	Yes	-	Yes	No
P	I	1	P1-08_R11	32	R	70	14	68	54.1	68	Yes	-	Yes	No
P	I	1	P1-08_R11	33	R	70	14	68	54.0	68	Yes	-	Yes	No
P	I	1	P1-08_R11	34	R	70	14	68	54.0	68	Yes	-	Yes	No
P	I	1	P1-08_R21	1	R	70	10	74	63.5	74	No	-	No	Yes
P	I	1	P1-08_R21	2	R	70	10	74	63.3	74	No	-	No	Yes
P	I	1	P1-08_R21	3	R	70	10	74	63.1	74	No	-	No	Yes
P	I	1	P1-08_R21	4	R	70	10	73	62.8	73	No	-	No	Yes
P	I	1	P1-08_R21	5	R	70	10	73	62.6	73	No	-	No	Yes
P	I	1	P1-08_R21	6	R	70	10	73	62.2	73	No	-	No	Yes
P	I	1	P1-08_R21	7	R	70	10	72	62.0	72	No	-	No	Yes
P	I	1	P1-08_R21	8	R	70	10	72	61.8	72	No	-	No	Yes
P	I	1	P1-08_R21	9	R	70	10	72	61.6	72	No	-	No	Yes
P	I	1	P1-08_R21	10	R	70	10	72	61.4	72	No	-	No	Yes
P	I	1	P1-08_R21	11	R	70	10	71	61.1	71	No	-	No	Yes
P	I	1	P1-08_R21	12	R	70	10	71	60.9	71	No	-	No	Yes
P	I	1	P1-08_R21	13	R	70	10	71	60.6	71	No	-	No	Yes
P	I	1	P1-08_R21	14	R	70	10	71	60.5	71	No	-	No	Yes
P	I	1	P1-08_R21	15	R	70	10	71	60.2	71	No	-	No	Yes
P	I	1	P1-08_R21	16	R	70	10	70	60.0	70	Yes	-	Yes	No
P	I	1	P1-08_R21	17	R	70	10	70	59.9	70	Yes	-	Yes	No
P	I	1	P1-08_R21	18	R	70	10	70	59.7	70	Yes	-	Yes	No
P	I	1	P1-08_R21	19	R	70	10	70	59.5	70	Yes	-	Yes	No
P	I	1	P1-08_R21	20	R	70	10	70	59.4	70	Yes	-	Yes	No
P	I	1	P1-08_R21	21	R	70	10	70	59.3	70	Yes	-	Yes	No
P	I	1	P1-08_R21	22	R	70	10	69	59.1	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-08_R21	23	R	70	10	69	59.0	69	Yes	-	Yes	No
P	I	1	P1-08_R21	24	R	70	10	69	58.8	69	Yes	-	Yes	No
P	I	1	P1-08_R21	25	R	70	10	69	58.7	69	Yes	-	Yes	No
P	I	1	P1-08_R21	26	R	70	10	69	58.5	69	Yes	-	Yes	No
P	I	1	P1-08_R21	27	R	70	10	69	58.4	69	Yes	-	Yes	No
P	I	1	P1-08_R21	28	R	70	10	69	58.3	69	Yes	-	Yes	No
P	I	1	P1-08_R21	29	R	70	10	68	58.2	68	Yes	-	Yes	No
P	I	1	P1-08_R21	30	R	70	10	68	58.2	68	Yes	-	Yes	No
P	I	1	P1-08_R21	31	R	70	10	68	58.0	68	Yes	-	Yes	No
P	I	1	P1-08_R21	32	R	70	10	68	57.9	68	Yes	-	Yes	No
P	I	1	P1-08_R21	33	R	70	10	68	57.8	68	Yes	-	Yes	No
P	I	1	P1-08_R21	34	R	70	10	68	57.8	68	Yes	-	Yes	No
P	I	1	P1-08_R22	1	R	70	10	74	64.3	74	No	-	No	Yes
P	I	1	P1-08_R22	2	R	70	10	74	64.1	74	No	-	No	Yes
P	I	1	P1-08_R22	3	R	70	10	73	63.9	73	No	-	No	Yes
P	I	1	P1-08_R22	4	R	70	10	73	63.7	73	No	-	No	Yes
P	I	1	P1-08_R22	5	R	70	10	73	63.5	73	No	-	No	Yes
P	I	1	P1-08_R22	6	R	70	10	73	63.2	73	No	-	No	Yes
P	I	1	P1-08_R22	7	R	70	10	73	63.0	73	No	-	No	Yes
P	I	1	P1-08_R22	8	R	70	10	72	62.7	72	No	-	No	Yes
P	I	1	P1-08_R22	9	R	70	10	72	62.5	72	No	-	No	Yes
P	I	1	P1-08_R22	10	R	70	10	72	62.3	72	No	-	No	Yes
P	I	1	P1-08_R22	11	R	70	10	72	62.0	72	No	-	No	Yes
P	I	1	P1-08_R22	12	R	70	10	71	61.8	71	No	-	No	Yes
P	I	1	P1-08_R22	13	R	70	10	71	61.5	71	No	-	No	Yes
P	I	1	P1-08_R22	14	R	70	9	71	61.5	71	No	-	No	Yes
P	I	1	P1-08_R22	15	R	70	9	71	61.3	71	No	-	No	Yes
P	I	1	P1-08_R22	16	R	70	9	71	61.1	71	No	-	No	Yes
P	I	1	P1-08_R22	17	R	70	9	70	60.9	70	Yes	-	Yes	No
P	I	1	P1-08_R22	18	R	70	9	70	60.7	70	Yes	-	Yes	No
P	I	1	P1-08_R22	19	R	70	9	70	60.5	70	Yes	-	Yes	No
P	I	1	P1-08_R22	20	R	70	9	70	60.4	70	Yes	-	Yes	No
P	I	1	P1-08_R22	21	R	70	9	70	60.2	70	Yes	-	Yes	No
P	I	1	P1-08_R22	22	R	70	9	70	60.1	70	Yes	-	Yes	No
P	I	1	P1-08_R22	23	R	70	9	69	59.9	69	Yes	-	Yes	No
P	I	1	P1-08_R22	24	R	70	9	69	59.9	69	Yes	-	Yes	No
P	I	1	P1-08_R22	25	R	70	9	69	59.8	69	Yes	-	Yes	No
P	I	1	P1-08_R22	26	R	70	9	69	59.6	69	Yes	-	Yes	No
P	I	1	P1-08_R22	27	R	70	9	69	59.5	69	Yes	-	Yes	No
P	I	1	P1-08_R22	28	R	70	9	69	59.3	69	Yes	-	Yes	No
P	I	1	P1-08_R22	29	R	70	9	69	59.2	69	Yes	-	Yes	No
P	I	1	P1-08_R22	30	R	70	9	68	59.1	68	Yes	-	Yes	No
P	I	1	P1-08_R22	31	R	70	9	68	59.0	68	Yes	-	Yes	No
P	I	1	P1-08_R22	32	R	70	9	68	59.0	68	Yes	-	Yes	No
P	I	1	P1-08_R22	33	R	70	9	68	58.9	68	Yes	-	Yes	No
P	I	1	P1-08_R22	34	R	70	9	68	58.7	68	Yes	-	Yes	No
P	I	1	P1-09_R01	1	R	70	7	75	67.7	75	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-09_R01	2	R	70	7	74	67.5	74	No	-	No	Yes
P	I	1	P1-09_R01	3	R	70	7	74	67.3	74	No	-	No	Yes
P	I	1	P1-09_R01	4	R	70	7	74	67.0	74	No	-	No	Yes
P	I	1	P1-09_R01	5	R	70	7	74	66.7	74	No	-	No	Yes
P	I	1	P1-09_R01	6	R	70	7	73	66.4	73	No	-	No	Yes
P	I	1	P1-09_R01	7	R	70	7	73	66.1	73	No	-	No	Yes
P	I	1	P1-09_R01	8	R	70	7	73	65.9	73	No	-	No	Yes
P	I	1	P1-09_R01	9	R	70	7	72	65.6	72	No	-	No	Yes
P	I	1	P1-09_R01	10	R	70	7	72	65.3	72	No	-	No	Yes
P	I	1	P1-09_R01	11	R	70	7	72	65.2	72	No	-	No	Yes
P	I	1	P1-09_R01	12	R	70	7	72	64.9	72	No	-	No	Yes
P	I	1	P1-09_R01	13	R	70	7	71	64.7	71	No	-	No	Yes
P	I	1	P1-09_R01	14	R	70	7	71	64.5	71	No	-	No	Yes
P	I	1	P1-09_R01	15	R	70	7	71	64.3	71	No	-	No	Yes
P	I	1	P1-09_R01	16	R	70	7	71	64.1	71	No	-	No	Yes
P	I	1	P1-09_R01	17	R	70	7	71	63.9	71	No	-	No	Yes
P	I	1	P1-09_R01	18	R	70	7	70	63.7	70	Yes	-	Yes	No
P	I	1	P1-09_R01	19	R	70	7	70	63.5	70	Yes	-	Yes	No
P	I	1	P1-09_R01	20	R	70	7	70	63.3	70	Yes	-	Yes	No
P	I	1	P1-09_R01	21	R	70	7	70	63.2	70	Yes	-	Yes	No
P	I	1	P1-09_R01	22	R	70	7	70	63.1	70	Yes	-	Yes	No
P	I	1	P1-09_R01	23	R	70	7	70	62.9	70	Yes	-	Yes	No
P	I	1	P1-09_R01	24	R	70	7	69	62.8	69	Yes	-	Yes	No
P	I	1	P1-09_R01	25	R	70	7	69	62.6	69	Yes	-	Yes	No
P	I	1	P1-09_R01	26	R	70	7	69	62.5	69	Yes	-	Yes	No
P	I	1	P1-09_R01	27	R	70	7	69	62.3	69	Yes	-	Yes	No
P	I	1	P1-09_R01	28	R	70	7	69	62.3	69	Yes	-	Yes	No
P	I	1	P1-09_R01	29	R	70	7	69	62.2	69	Yes	-	Yes	No
P	I	1	P1-09_R01	30	R	70	7	69	62.0	69	Yes	-	Yes	No
P	I	1	P1-09_R01	31	R	70	7	68	61.9	68	Yes	-	Yes	No
P	I	1	P1-09_R01	32	R	70	7	68	61.8	68	Yes	-	Yes	No
P	I	1	P1-09_R01	33	R	70	6	68	61.9	68	Yes	-	Yes	No
P	I	1	P1-09_R02	1	R	70	0	74	74.2	74	No	-	No	Yes
P	I	1	P1-09_R02	2	R	70	0	74	74.0	74	No	-	No	Yes
P	I	1	P1-09_R02	3	R	70	0	74	73.8	74	No	-	No	Yes
P	I	1	P1-09_R02	4	R	70	0	74	73.5	74	No	-	No	Yes
P	I	1	P1-09_R02	5	R	70	0	73	73.2	73	No	-	No	Yes
P	I	1	P1-09_R02	6	R	70	0	73	72.9	73	No	-	No	Yes
P	I	1	P1-09_R02	7	R	70	0	73	72.6	73	No	-	No	Yes
P	I	1	P1-09_R02	8	R	70	0	72	72.3	72	No	-	No	Yes
P	I	1	P1-09_R02	9	R	70	0	72	72.1	72	No	-	No	Yes
P	I	1	P1-09_R02	10	R	70	0	72	71.8	72	No	-	No	Yes
P	I	1	P1-09_R02	11	R	70	0	72	71.5	72	No	-	No	Yes
P	I	1	P1-09_R02	12	R	70	0	71	71.3	71	No	-	No	Yes
P	I	1	P1-09_R02	13	R	70	0	71	71.1	71	No	-	No	Yes
P	I	1	P1-09_R02	14	R	70	0	71	70.8	71	No	-	No	Yes
P	I	1	P1-09_R02	15	R	70	0	71	70.6	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-09_R02	16	R	70	0	70	70.4	70	Yes	-	Yes	No
P	I	1	P1-09_R02	17	R	70	0	70	70.2	70	Yes	-	Yes	No
P	I	1	P1-09_R02	18	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	1	P1-09_R02	19	R	70	0	70	69.8	70	Yes	-	Yes	No
P	I	1	P1-09_R02	20	R	70	0	70	69.6	70	Yes	-	Yes	No
P	I	1	P1-09_R02	21	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	1	P1-09_R02	22	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	1	P1-09_R02	23	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	1	P1-09_R02	24	R	70	0	69	69.0	69	Yes	-	Yes	No
P	I	1	P1-09_R02	25	R	70	0	69	68.8	69	Yes	-	Yes	No
P	I	1	P1-09_R02	26	R	70	0	69	68.7	69	Yes	-	Yes	No
P	I	1	P1-09_R02	27	R	70	0	69	68.6	69	Yes	-	Yes	No
P	I	1	P1-09_R02	28	R	70	0	68	68.4	68	Yes	-	Yes	No
P	I	1	P1-09_R02	29	R	70	0	68	68.3	68	Yes	-	Yes	No
P	I	1	P1-09_R02	30	R	70	0	68	68.2	68	Yes	-	Yes	No
P	I	1	P1-09_R02	31	R	70	0	68	68.0	68	Yes	-	Yes	No
P	I	1	P1-09_R02	32	R	70	0	68	67.9	68	Yes	-	Yes	No
P	I	1	P1-09_R02	33	R	70	0	68	67.8	68	Yes	-	Yes	No
P	I	1	P1-09_R11	1	R	70	6	75	69.0	75	No	-	No	Yes
P	I	1	P1-09_R11	2	R	70	6	74	68.8	74	No	-	No	Yes
P	I	1	P1-09_R11	3	R	70	6	74	68.5	74	No	-	No	Yes
P	I	1	P1-09_R11	4	R	70	6	74	68.3	74	No	-	No	Yes
P	I	1	P1-09_R11	5	R	70	6	74	68.0	74	No	-	No	Yes
P	I	1	P1-09_R11	6	R	70	6	73	67.7	73	No	-	No	Yes
P	I	1	P1-09_R11	7	R	70	6	73	67.4	73	No	-	No	Yes
P	I	1	P1-09_R11	8	R	70	6	73	67.2	73	No	-	No	Yes
P	I	1	P1-09_R11	9	R	70	6	73	67.0	73	No	-	No	Yes
P	I	1	P1-09_R11	10	R	70	6	72	66.7	72	No	-	No	Yes
P	I	1	P1-09_R11	11	R	70	6	72	66.5	72	No	-	No	Yes
P	I	1	P1-09_R11	12	R	70	6	72	66.2	72	No	-	No	Yes
P	I	1	P1-09_R11	13	R	70	6	72	66.0	72	No	-	No	Yes
P	I	1	P1-09_R11	14	R	70	6	71	65.8	71	No	-	No	Yes
P	I	1	P1-09_R11	15	R	70	6	71	65.6	71	No	-	No	Yes
P	I	1	P1-09_R11	16	R	70	6	71	65.4	71	No	-	No	Yes
P	I	1	P1-09_R11	17	R	70	6	71	65.2	71	No	-	No	Yes
P	I	1	P1-09_R11	18	R	70	5	71	65.1	71	No	-	No	Yes
P	I	1	P1-09_R11	19	R	70	5	70	64.9	70	Yes	-	Yes	No
P	I	1	P1-09_R11	20	R	70	5	70	64.7	70	Yes	-	Yes	No
P	I	1	P1-09_R11	21	R	70	5	70	64.6	70	Yes	-	Yes	No
P	I	1	P1-09_R11	22	R	70	5	70	64.4	70	Yes	-	Yes	No
P	I	1	P1-09_R11	23	R	70	5	70	64.2	70	Yes	-	Yes	No
P	I	1	P1-09_R11	24	R	70	5	70	64.2	70	Yes	-	Yes	No
P	I	1	P1-09_R11	25	R	70	5	69	64.0	69	Yes	-	Yes	No
P	I	1	P1-09_R11	26	R	70	5	69	63.9	69	Yes	-	Yes	No
P	I	1	P1-09_R11	27	R	70	5	69	63.8	69	Yes	-	Yes	No
P	I	1	P1-09_R11	28	R	70	5	69	63.6	69	Yes	-	Yes	No
P	I	1	P1-09_R11	29	R	70	5	69	63.5	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-09_R11	30	R	70	5	69	63.5	69	Yes	-	Yes	No
P	I	1	P1-09_R11	31	R	70	5	69	63.3	69	Yes	-	Yes	No
P	I	1	P1-09_R11	32	R	70	5	68	63.2	68	Yes	-	Yes	No
P	I	1	P1-09_R11	33	R	70	5	68	63.1	68	Yes	-	Yes	No
P	I	1	P1-09_R12	1	R	70	0	74	74.3	74	No	-	No	Yes
P	I	1	P1-09_R12	2	R	70	0	74	74.1	74	No	-	No	Yes
P	I	1	P1-09_R12	3	R	70	0	74	73.8	74	No	-	No	Yes
P	I	1	P1-09_R12	4	R	70	0	74	73.6	74	No	-	No	Yes
P	I	1	P1-09_R12	5	R	70	0	73	73.3	73	No	-	No	Yes
P	I	1	P1-09_R12	6	R	70	0	73	73.0	73	No	-	No	Yes
P	I	1	P1-09_R12	7	R	70	0	73	72.8	73	No	-	No	Yes
P	I	1	P1-09_R12	8	R	70	0	73	72.5	73	No	-	No	Yes
P	I	1	P1-09_R12	9	R	70	0	72	72.2	72	No	-	No	Yes
P	I	1	P1-09_R12	10	R	70	0	72	72.0	72	No	-	No	Yes
P	I	1	P1-09_R12	11	R	70	0	72	71.7	72	No	-	No	Yes
P	I	1	P1-09_R12	12	R	70	0	72	71.5	72	No	-	No	Yes
P	I	1	P1-09_R12	13	R	70	0	71	71.3	71	No	-	No	Yes
P	I	1	P1-09_R12	14	R	70	0	71	71.0	71	No	-	No	Yes
P	I	1	P1-09_R12	15	R	70	0	71	70.8	71	No	-	No	Yes
P	I	1	P1-09_R12	16	R	70	0	71	70.6	71	No	-	No	Yes
P	I	1	P1-09_R12	17	R	70	0	70	70.4	70	Yes	-	Yes	No
P	I	1	P1-09_R12	18	R	70	0	70	70.2	70	Yes	-	Yes	No
P	I	1	P1-09_R12	19	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	1	P1-09_R12	20	R	70	0	70	69.9	70	Yes	-	Yes	No
P	I	1	P1-09_R12	21	R	70	0	70	69.7	70	Yes	-	Yes	No
P	I	1	P1-09_R12	22	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	1	P1-09_R12	23	R	70	0	69	69.4	69	Yes	-	Yes	No
P	I	1	P1-09_R12	24	R	70	0	69	69.2	69	Yes	-	Yes	No
P	I	1	P1-09_R12	25	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	1	P1-09_R12	26	R	70	0	69	68.9	69	Yes	-	Yes	No
P	I	1	P1-09_R12	27	R	70	0	69	68.8	69	Yes	-	Yes	No
P	I	1	P1-09_R12	28	R	70	0	69	68.6	69	Yes	-	Yes	No
P	I	1	P1-09_R12	29	R	70	0	69	68.5	69	Yes	-	Yes	No
P	I	1	P1-09_R12	30	R	70	0	68	68.4	68	Yes	-	Yes	No
P	I	1	P1-09_R12	31	R	70	0	68	68.2	68	Yes	-	Yes	No
P	I	1	P1-09_R12	32	R	70	0	68	68.1	68	Yes	-	Yes	No
P	I	1	P1-09_R12	33	R	70	0	68	68.0	68	Yes	-	Yes	No
P	I	1	P1-12_R01	1	R	70	0	73	73.3	73	No	-	No	Yes
P	I	1	P1-12_R01	2	R	70	0	73	73.2	73	No	-	No	Yes
P	I	1	P1-12_R01	3	R	70	0	73	73.0	73	No	-	No	Yes
P	I	1	P1-12_R01	4	R	70	0	73	72.9	73	No	-	No	Yes
P	I	1	P1-12_R01	5	R	70	0	73	72.7	73	No	-	No	Yes
P	I	1	P1-12_R01	6	R	70	0	73	72.5	73	No	-	No	Yes
P	I	1	P1-12_R01	7	R	70	0	72	72.3	72	No	-	No	Yes
P	I	1	P1-12_R01	8	R	70	0	72	72.1	72	No	-	No	Yes
P	I	1	P1-12_R01	9	R	70	0	72	71.9	72	No	-	No	Yes
P	I	1	P1-12_R01	10	R	70	0	72	71.7	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-12_R01	11	R	70	0	72	71.5	72	No	-	No	Yes
P	I	1	P1-12_R01	12	R	70	0	71	71.2	71	No	-	No	Yes
P	I	1	P1-12_R01	13	R	70	0	71	71.1	71	No	-	No	Yes
P	I	1	P1-12_R01	14	R	70	0	71	70.9	71	No	-	No	Yes
P	I	1	P1-12_R01	15	R	70	0	71	70.7	71	No	-	No	Yes
P	I	1	P1-12_R01	16	R	70	0	71	70.5	71	No	-	No	Yes
P	I	1	P1-12_R01	17	R	70	0	70	70.3	70	Yes	-	Yes	No
P	I	1	P1-12_R01	18	R	70	0	70	70.1	70	Yes	-	Yes	No
P	I	1	P1-12_R01	19	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	1	P1-12_R01	20	R	70	0	70	69.8	70	Yes	-	Yes	No
P	I	1	P1-12_R01	21	R	70	0	70	69.6	70	Yes	-	Yes	No
P	I	1	P1-12_R01	22	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	1	P1-12_R01	23	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	1	P1-12_R01	24	R	70	0	69	69.2	69	Yes	-	Yes	No
P	I	1	P1-12_R01	25	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	1	P1-12_R01	26	R	70	0	69	68.9	69	Yes	-	Yes	No
P	I	1	P1-12_R01	27	R	70	0	69	68.8	69	Yes	-	Yes	No
P	I	1	P1-12_R01	28	R	70	0	69	68.7	69	Yes	-	Yes	No
P	I	1	P1-12_R01	29	R	70	0	69	68.5	69	Yes	-	Yes	No
P	I	1	P1-12_R01	30	R	70	0	68	68.4	68	Yes	-	Yes	No
P	I	1	P1-15_E01	1	E	65	0	71	70.9	71	No	-	No	Yes
P	I	1	P1-15_E01	2	E	65	0	73	72.6	73	No	-	No	Yes
P	I	1	P1-15_E01	3	E	65	0	73	72.6	73	No	-	No	Yes
P	I	1	P1-15_E01	4	E	65	0	72	72.4	72	No	-	No	Yes
P	I	1	P1-15_E01	5	E	65	0	72	72.2	72	No	-	No	Yes
P	I	1	P1-15_E01	6	E	65	0	72	72.0	72	No	-	No	Yes
P	I	1	P1-15_E01	7	E	65	0	72	71.8	72	No	-	No	Yes
P	I	1	P1-15_E01	8	E	65	0	72	71.5	72	No	-	No	Yes
P	I	1	P1-15_E02	1	E	65	0	68	68.0	68	No	-	No	Yes
P	I	1	P1-15_E02	2	E	65	0	70	70.1	70	No	-	No	Yes
P	I	1	P1-15_E02	3	E	65	0	70	70.2	70	No	-	No	Yes
P	I	1	P1-15_E02	4	E	65	0	70	70.1	70	No	-	No	Yes
P	I	1	P1-15_E02	5	E	65	0	70	69.9	70	No	-	No	Yes
P	I	1	P1-15_E02	6	E	65	0	70	69.7	70	No	-	No	Yes
P	I	1	P1-15_E02	7	E	65	0	70	69.5	70	No	-	No	Yes
P	I	1	P1-15_E02	8	E	65	0	69	69.3	69	No	-	No	Yes
P	I	1	P1-15_E03	1	E	65	0	68	68.0	68	No	-	No	Yes
P	I	1	P1-15_E03	2	E	65	0	71	70.6	71	No	-	No	Yes
P	I	1	P1-15_E03	3	E	65	0	71	70.9	71	No	-	No	Yes
P	I	1	P1-15_E03	4	E	65	0	71	70.9	71	No	-	No	Yes
P	I	1	P1-15_E03	5	E	65	0	71	70.8	71	No	-	No	Yes
P	I	1	P1-15_E03	6	E	65	0	71	70.7	71	No	-	No	Yes
P	I	1	P1-15_E03	7	E	65	0	71	70.5	71	No	-	No	Yes
P	I	1	P1-15_E03	8	E	65	0	70	70.3	70	No	-	No	Yes
P	I	1	P1-15_E04	1	E	65	10	68	57.9	68	No	-	No	Yes
P	I	1	P1-15_E04	2	E	65	10	70	59.5	70	No	-	No	Yes
P	I	1	P1-15_E04	3	E	65	10	70	59.5	70	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-15_E04	4	E	65	10	70	59.4	70	No	-	No	Yes
P	I	1	P1-15_E04	5	E	65	10	70	59.3	70	No	-	No	Yes
P	I	1	P1-15_E04	6	E	65	10	69	59.1	69	No	-	No	Yes
P	I	1	P1-15_E04	7	E	65	10	69	58.9	69	No	-	No	Yes
P	I	1	P1-15_E04	8	E	65	10	69	58.7	69	No	-	No	Yes
P	I	1	P1-15_E05	1	E	65	14	65	51.1	65	Yes	-	Yes	No
P	I	1	P1-15_E05	2	E	65	14	67	53.2	67	No	-	No	Yes
P	I	1	P1-15_E05	3	E	65	14	67	53.5	67	No	-	No	Yes
P	I	1	P1-15_E05	4	E	65	14	67	53.5	67	No	-	No	Yes
P	I	1	P1-15_E05	5	E	65	14	67	53.6	67	No	-	No	Yes
P	I	1	P1-15_E05	6	E	65	14	67	53.5	67	No	-	No	Yes
P	I	1	P1-15_E05	7	E	65	14	67	53.3	67	No	-	No	Yes
P	I	1	P1-15_E05	8	E	65	14	67	53.2	67	No	-	No	Yes
P	I	1	P1-17_R01	1	R	70	17	57	39.9	57	Yes	-	Yes	No
P	I	1	P1-17_R01	2	R	70	17	57	40.6	57	Yes	-	Yes	No
P	I	1	P1-17_R01	3	R	70	17	58	40.9	58	Yes	-	Yes	No
P	I	1	P1-17_R01	4	R	70	18	58	40.4	58	Yes	-	Yes	No
P	I	1	P1-17_R01	5	R	70	19	58	39.7	58	Yes	-	Yes	No
P	I	1	P1-17_R01	6	R	70	20	59	38.6	59	Yes	-	Yes	No
P	I	1	P1-17_R01	7	R	70	22	59	37.1	59	Yes	-	Yes	No
P	I	1	P1-17_R01	8	R	70	24	59	34.9	59	Yes	-	Yes	No
P	I	1	P1-17_R01	9	R	70	27	59	32.3	59	Yes	-	Yes	No
P	I	1	P1-17_R01	10	R	70	30	59	29.4	59	Yes	-	Yes	No
P	I	1	P1-17_R01	11	R	70	34	59	25.9	59	Yes	-	Yes	No
P	I	1	P1-17_R01	12	R	70	39	60	20.9	60	Yes	-	Yes	No
P	I	1	P1-17_R01	13	R	70	41	60	19.2	60	Yes	-	Yes	No
P	I	1	P1-17_R01	14	R	70	43	61	18.2	61	Yes	-	Yes	No
P	I	1	P1-17_R01	15	R	70	43	61	18.0	61	Yes	-	Yes	No
P	I	1	P1-17_R01	16	R	70	43	62	18.3	62	Yes	-	Yes	No
P	I	1	P1-17_R01	17	R	70	43	62	18.7	62	Yes	-	Yes	No
P	I	1	P1-17_R01	18	R	70	43	62	18.8	62	Yes	-	Yes	No
P	I	1	P1-17_R01	19	R	70	43	62	19.0	62	Yes	-	Yes	No
P	I	1	P1-17_R01	20	R	70	43	62	19.1	63	Yes	-	Yes	No
P	I	1	P1-17_R01	21	R	70	43	63	19.2	63	Yes	-	Yes	No
P	I	1	P1-17_R01	22	R	70	43	63	19.3	63	Yes	-	Yes	No
P	I	1	P1-17_R01	23	R	70	43	63	19.4	63	Yes	-	Yes	No
P	I	1	P1-17_R01	24	R	70	43	63	19.5	63	Yes	-	Yes	No
P	I	1	P1-17_R01	25	R	70	43	63	19.6	63	Yes	-	Yes	No
P	I	1	P1-17_R01	26	R	70	43	63	19.7	63	Yes	-	Yes	No
P	I	1	P1-17_R01	27	R	70	43	63	19.7	63	Yes	-	Yes	No
P	I	1	P1-17_R01	28	R	70	43	63	19.8	63	Yes	-	Yes	No
P	I	1	P1-18_E01	1	E	65	31	61	30.4	61	Yes	-	Yes	No
P	I	1	P1-18_E01	2	E	65	33	64	31.2	64	Yes	-	Yes	No
P	I	1	P1-18_E01	3	E	65	37	66	28.9	66	No	-	No	Yes
P	I	1	P1-18_E01	4	E	65	40	66	26.4	66	No	-	No	Yes
P	I	1	P1-18_E01	5	E	65	43	67	24.3	67	No	-	No	Yes
P	I	1	P1-18_E01	6	E	65	44	67	23.3	67	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-18_E01	7	E	65	45	68	23.1	68	No	-	No	Yes
P	I	1	P1-18_E01	8	E	65	45	68	23.1	68	No	-	No	Yes
P	I	1	P1-18_E02	1	E	65	37	57	20.1	57	Yes	-	Yes	No
P	I	1	P1-18_E02	2	E	65	39	59	20.2	59	Yes	-	Yes	No
P	I	1	P1-18_E02	3	E	65	40	61	21.0	61	Yes	-	Yes	No
P	I	1	P1-18_E02	4	E	65	41	63	21.9	63	Yes	-	Yes	No
P	I	1	P1-18_E02	5	E	65	41	64	22.3	64	Yes	-	Yes	No
P	I	1	P1-18_E02	6	E	65	42	64	22.7	64	Yes	-	Yes	No
P	I	1	P1-18_E02	7	E	65	42	65	22.9	65	Yes	-	Yes	No
P	I	1	P1-18_E02	8	E	65	42	65	23.0	65	Yes	-	Yes	No
P	I	1	P1-18_E03	1	E	65	26	66	39.4	66	No	-	No	Yes
P	I	1	P1-18_E03	2	E	65	28	68	39.8	68	No	-	No	Yes
P	I	1	P1-18_E03	3	E	65	30	68	37.5	68	No	-	No	Yes
P	I	1	P1-18_E03	4	E	65	33	67	34.3	67	No	-	No	Yes
P	I	1	P1-18_E03	5	E	65	38	67	29.6	67	No	-	No	Yes
P	I	1	P1-18_E03	6	E	65	40	67	26.6	67	No	-	No	Yes
P	I	1	P1-18_E03	7	E	65	41	67	25.8	67	No	-	No	Yes
P	I	1	P1-18_E03	8	E	65	41	67	25.2	67	No	-	No	Yes
P	I	1	P1-19_R01	1	R	70	0	74	74.4	74	No	-	No	Yes
P	I	1	P1-19_R01	2	R	70	0	74	74.3	74	No	-	No	Yes
P	I	1	P1-19_R01	3	R	70	0	74	74.1	74	No	-	No	Yes
P	I	1	P1-19_R01	4	R	70	0	74	73.9	74	No	-	No	Yes
P	I	1	P1-19_R01	5	R	70	0	74	73.6	74	No	-	No	Yes
P	I	1	P1-19_R01	6	R	70	0	73	73.4	73	No	-	No	Yes
P	I	1	P1-19_R01	7	R	70	0	73	73.1	73	No	-	No	Yes
P	I	1	P1-19_R01	8	R	70	0	73	72.9	73	No	-	No	Yes
P	I	1	P1-19_R01	9	R	70	0	73	72.7	73	No	-	No	Yes
P	I	1	P1-19_R01	10	R	70	0	72	72.4	72	No	-	No	Yes
P	I	1	P1-19_R01	11	R	70	0	72	72.2	72	No	-	No	Yes
P	I	1	P1-19_R01	12	R	70	0	72	72.0	72	No	-	No	Yes
P	I	1	P1-19_R01	13	R	70	0	72	71.8	72	No	-	No	Yes
P	I	1	P1-19_R01	14	R	70	0	72	71.6	72	No	-	No	Yes
P	I	1	P1-19_R01	15	R	70	0	71	71.4	71	No	-	No	Yes
P	I	1	P1-19_R01	16	R	70	0	71	71.2	71	No	-	No	Yes
P	I	1	P1-19_R01	17	R	70	0	71	71.0	71	No	-	No	Yes
P	I	1	P1-19_R01	18	R	70	0	71	70.8	71	No	-	No	Yes
P	I	1	P1-19_R01	19	R	70	0	71	70.6	71	No	-	No	Yes
P	I	1	P1-19_R01	20	R	70	0	71	70.5	71	No	-	No	Yes
P	I	1	P1-19_R01	21	R	70	0	70	70.3	70	Yes	-	Yes	No
P	I	1	P1-19_R01	22	R	70	0	70	70.1	70	Yes	-	Yes	No
P	I	1	P1-19_R01	23	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	1	P1-19_R11	1	R	70	26	76	50.0	76	No	-	No	Yes
P	I	1	P1-19_R11	2	R	70	27	75	48.2	75	No	-	No	Yes
P	I	1	P1-19_R11	3	R	70	29	75	45.9	75	No	-	No	Yes
P	I	1	P1-19_R11	4	R	70	31	75	43.6	75	No	-	No	Yes
P	I	1	P1-19_R11	5	R	70	34	75	41.0	75	No	-	No	Yes
P	I	1	P1-19_R11	6	R	70	35	74	39.6	74	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-19_R11	7	R	70	35	74	38.7	74	No	-	No	Yes
P	I	1	P1-19_R11	8	R	70	36	74	38.1	74	No	-	No	Yes
P	I	1	P1-19_R11	9	R	70	36	73	37.7	73	No	-	No	Yes
P	I	1	P1-19_R11	10	R	70	36	73	37.3	73	No	-	No	Yes
P	I	1	P1-19_R11	11	R	70	36	73	36.9	73	No	-	No	Yes
P	I	1	P1-19_R11	12	R	70	36	73	36.5	73	No	-	No	Yes
P	I	1	P1-19_R11	13	R	70	36	72	36.2	72	No	-	No	Yes
P	I	1	P1-19_R11	14	R	70	36	72	35.9	72	No	-	No	Yes
P	I	1	P1-19_R11	15	R	70	36	72	35.6	72	No	-	No	Yes
P	I	1	P1-19_R11	16	R	70	36	72	35.3	72	No	-	No	Yes
P	I	1	P1-19_R11	17	R	70	36	72	35.1	72	No	-	No	Yes
P	I	1	P1-19_R11	18	R	70	36	71	34.9	71	No	-	No	Yes
P	I	1	P1-19_R11	19	R	70	36	71	34.9	71	No	-	No	Yes
P	I	1	P1-19_R11	20	R	70	36	71	34.6	71	No	-	No	Yes
P	I	1	P1-19_R11	21	R	70	36	71	34.4	71	No	-	No	Yes
P	I	1	P1-19_R11	22	R	70	36	71	34.2	71	No	-	No	Yes
P	I	1	P1-19_R11	23	R	70	36	71	34.1	71	No	-	No	Yes
P	I	1	P1-19_R12	1	R	70	0	74	74.1	74	No	-	No	Yes
P	I	1	P1-19_R12	2	R	70	0	74	73.9	74	No	-	No	Yes
P	I	1	P1-19_R12	3	R	70	0	74	73.7	74	No	-	No	Yes
P	I	1	P1-19_R12	4	R	70	0	73	73.4	73	No	-	No	Yes
P	I	1	P1-19_R12	5	R	70	0	73	73.1	73	No	-	No	Yes
P	I	1	P1-19_R12	6	R	70	0	73	72.8	73	No	-	No	Yes
P	I	1	P1-19_R12	7	R	70	0	73	72.5	73	No	-	No	Yes
P	I	1	P1-19_R12	8	R	70	0	72	72.2	72	No	-	No	Yes
P	I	1	P1-19_R12	9	R	70	0	72	72.0	72	No	-	No	Yes
P	I	1	P1-19_R12	10	R	70	0	72	71.7	72	No	-	No	Yes
P	I	1	P1-19_R12	11	R	70	0	71	71.4	71	No	-	No	Yes
P	I	1	P1-19_R12	12	R	70	0	71	71.2	71	No	-	No	Yes
P	I	1	P1-19_R12	13	R	70	0	71	71.0	71	No	-	No	Yes
P	I	1	P1-19_R12	14	R	70	0	71	70.8	71	No	-	No	Yes
P	I	1	P1-19_R12	15	R	70	0	71	70.5	71	No	-	No	Yes
P	I	1	P1-19_R12	16	R	70	0	70	70.3	70	Yes	-	Yes	No
P	I	1	P1-19_R12	17	R	70	0	70	70.2	70	Yes	-	Yes	No
P	I	1	P1-19_R12	18	R	70	0	70	69.9	70	Yes	-	Yes	No
P	I	1	P1-19_R12	19	R	70	0	70	69.7	70	Yes	-	Yes	No
P	I	1	P1-19_R12	20	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	1	P1-19_R12	21	R	70	0	69	69.4	69	Yes	-	Yes	No
P	I	1	P1-19_R12	22	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	1	P1-19_R12	23	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	1	P1-19_R13	1	R	70	0	73	73.4	73	No	-	No	Yes
P	I	1	P1-19_R13	2	R	70	0	73	73.3	73	No	-	No	Yes
P	I	1	P1-19_R13	3	R	70	0	73	73.1	73	No	-	No	Yes
P	I	1	P1-19_R13	4	R	70	0	73	72.9	73	No	-	No	Yes
P	I	1	P1-19_R13	5	R	70	0	73	72.7	73	No	-	No	Yes
P	I	1	P1-19_R13	6	R	70	0	72	72.4	72	No	-	No	Yes
P	I	1	P1-19_R13	7	R	70	0	72	72.2	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-19_R13	8	R	70	0	72	71.9	72	No	-	No	Yes
P	I	1	P1-19_R13	9	R	70	0	72	71.7	72	No	-	No	Yes
P	I	1	P1-19_R13	10	R	70	0	71	71.4	71	No	-	No	Yes
P	I	1	P1-19_R13	11	R	70	0	71	71.2	71	No	-	No	Yes
P	I	1	P1-19_R13	12	R	70	0	71	71.0	71	No	-	No	Yes
P	I	1	P1-19_R13	13	R	70	0	71	70.8	71	No	-	No	Yes
P	I	1	P1-19_R13	14	R	70	0	71	70.6	71	No	-	No	Yes
P	I	1	P1-19_R13	15	R	70	0	70	70.4	70	Yes	-	Yes	No
P	I	1	P1-19_R13	16	R	70	0	70	70.2	70	Yes	-	Yes	No
P	I	1	P1-19_R13	17	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	1	P1-19_R13	18	R	70	0	70	69.9	70	Yes	-	Yes	No
P	I	1	P1-19_R13	19	R	70	0	70	69.7	70	Yes	-	Yes	No
P	I	1	P1-19_R13	20	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	1	P1-19_R13	21	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	1	P1-19_R13	22	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	1	P1-19_R13	23	R	70	0	69	69.0	69	Yes	-	Yes	No
P	I	1	P1-19_R14	1	R	70	26	74	48.6	74	No	-	No	Yes
P	I	1	P1-19_R14	2	R	70	27	74	46.9	74	No	-	No	Yes
P	I	1	P1-19_R14	3	R	70	29	74	44.5	74	No	-	No	Yes
P	I	1	P1-19_R14	4	R	70	31	74	42.4	74	No	-	No	Yes
P	I	1	P1-19_R14	5	R	70	34	73	39.8	73	No	-	No	Yes
P	I	1	P1-19_R14	6	R	70	35	73	38.6	73	No	-	No	Yes
P	I	1	P1-19_R14	7	R	70	35	73	37.6	73	No	-	No	Yes
P	I	1	P1-19_R14	8	R	70	36	73	37.1	73	No	-	No	Yes
P	I	1	P1-19_R14	9	R	70	36	72	36.7	72	No	-	No	Yes
P	I	1	P1-19_R14	10	R	70	36	72	36.2	72	No	-	No	Yes
P	I	1	P1-19_R14	11	R	70	36	72	35.8	72	No	-	No	Yes
P	I	1	P1-19_R14	12	R	70	36	72	35.4	72	No	-	No	Yes
P	I	1	P1-19_R14	13	R	70	36	71	35.1	71	No	-	No	Yes
P	I	1	P1-19_R14	14	R	70	36	71	34.9	71	No	-	No	Yes
P	I	1	P1-19_R14	15	R	70	36	71	34.7	71	No	-	No	Yes
P	I	1	P1-19_R14	16	R	70	36	71	34.4	71	No	-	No	Yes
P	I	1	P1-19_R14	17	R	70	36	71	34.2	71	No	-	No	Yes
P	I	1	P1-19_R14	18	R	70	37	70	33.9	70	Yes	-	Yes	No
P	I	1	P1-19_R14	19	R	70	37	70	33.7	70	Yes	-	Yes	No
P	I	1	P1-19_R14	20	R	70	37	70	33.5	70	Yes	-	Yes	No
P	I	1	P1-19_R14	21	R	70	37	70	33.4	70	Yes	-	Yes	No
P	I	1	P1-19_R14	22	R	70	37	70	33.2	70	Yes	-	Yes	No
P	I	1	P1-19_R14	23	R	70	37	70	33.0	70	Yes	-	Yes	No
P	I	1	P1-19_R15	1	R	70	26	74	47.9	74	No	-	No	Yes
P	I	1	P1-19_R15	2	R	70	27	74	46.1	74	No	-	No	Yes
P	I	1	P1-19_R15	3	R	70	30	73	43.9	73	No	-	No	Yes
P	I	1	P1-19_R15	4	R	70	31	73	41.8	73	No	-	No	Yes
P	I	1	P1-19_R15	5	R	70	34	73	39.3	73	No	-	No	Yes
P	I	1	P1-19_R15	6	R	70	35	73	38.1	73	No	-	No	Yes
P	I	1	P1-19_R15	7	R	70	35	73	37.2	73	No	-	No	Yes
P	I	1	P1-19_R15	8	R	70	36	72	36.7	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-19_R15	9	R	70	36	72	36.3	72	No	-	No	Yes
P	I	1	P1-19_R15	10	R	70	36	72	35.9	72	No	-	No	Yes
P	I	1	P1-19_R15	11	R	70	36	72	35.5	72	No	-	No	Yes
P	I	1	P1-19_R15	12	R	70	36	71	35.2	71	No	-	No	Yes
P	I	1	P1-19_R15	13	R	70	36	71	34.9	71	No	-	No	Yes
P	I	1	P1-19_R15	14	R	70	36	71	34.6	71	No	-	No	Yes
P	I	1	P1-19_R15	15	R	70	36	71	34.4	71	No	-	No	Yes
P	I	1	P1-19_R15	16	R	70	37	71	34.1	71	No	-	No	Yes
P	I	1	P1-19_R15	17	R	70	36	70	34.0	70	Yes	-	Yes	No
P	I	1	P1-19_R15	18	R	70	37	70	33.7	70	Yes	-	Yes	No
P	I	1	P1-19_R15	19	R	70	37	70	33.6	70	Yes	-	Yes	No
P	I	1	P1-19_R15	20	R	70	37	70	33.3	70	Yes	-	Yes	No
P	I	1	P1-19_R15	21	R	70	37	70	33.1	70	Yes	-	Yes	No
P	I	1	P1-19_R15	22	R	70	37	70	32.9	70	Yes	-	Yes	No
P	I	1	P1-19_R15	23	R	70	37	69	32.8	69	Yes	-	Yes	No
P	I	1	P1-19_R21	1	R	70	31	73	41.9	73	No	-	No	Yes
P	I	1	P1-19_R21	2	R	70	33	73	40.4	73	No	-	No	Yes
P	I	1	P1-19_R21	3	R	70	35	73	37.9	73	No	-	No	Yes
P	I	1	P1-19_R21	4	R	70	37	73	35.8	73	No	-	No	Yes
P	I	1	P1-19_R21	5	R	70	39	73	33.7	73	No	-	No	Yes
P	I	1	P1-19_R21	6	R	70	40	73	32.8	73	No	-	No	Yes
P	I	1	P1-19_R21	7	R	70	40	73	32.2	73	No	-	No	Yes
P	I	1	P1-19_R21	8	R	70	41	72	31.8	72	No	-	No	Yes
P	I	1	P1-19_R21	9	R	70	41	72	31.5	72	No	-	No	Yes
P	I	1	P1-19_R21	10	R	70	41	72	31.2	72	No	-	No	Yes
P	I	1	P1-19_R21	11	R	70	41	72	30.8	72	No	-	No	Yes
P	I	1	P1-19_R21	12	R	70	41	72	30.7	72	No	-	No	Yes
P	I	1	P1-19_R21	13	R	70	41	72	30.4	72	No	-	No	Yes
P	I	1	P1-19_R21	14	R	70	41	71	30.2	71	No	-	No	Yes
P	I	1	P1-19_R21	15	R	70	41	71	30.0	71	No	-	No	Yes
P	I	1	P1-19_R21	16	R	70	41	71	29.8	71	No	-	No	Yes
P	I	1	P1-19_R21	17	R	70	41	71	29.6	71	No	-	No	Yes
P	I	1	P1-19_R21	18	R	70	41	71	29.5	71	No	-	No	Yes
P	I	1	P1-19_R21	19	R	70	41	71	29.3	71	No	-	No	Yes
P	I	1	P1-19_R21	20	R	70	41	71	29.2	71	No	-	No	Yes
P	I	1	P1-19_R21	21	R	70	41	70	29.0	70	Yes	-	Yes	No
P	I	1	P1-19_R21	22	R	70	41	70	28.9	70	Yes	-	Yes	No
P	I	1	P1-19_R21	23	R	70	41	70	28.8	70	Yes	-	Yes	No
P	I	1	P1-21_R01	1	R	70	36	62	26.8	62	Yes	-	Yes	No
P	I	1	P1-21_R01	2	R	70	37	63	26.4	63	Yes	-	Yes	No
P	I	1	P1-21_R01	3	R	70	39	64	25.3	64	Yes	-	Yes	No
P	I	1	P1-21_R01	4	R	70	40	65	24.4	65	Yes	-	Yes	No
P	I	1	P1-21_R01	5	R	70	42	65	23.5	65	Yes	-	Yes	No
P	I	1	P1-21_R01	6	R	70	42	65	23.1	65	Yes	-	Yes	No
P	I	1	P1-21_R01	7	R	70	43	66	23.0	66	Yes	-	Yes	No
P	I	1	P1-21_R01	8	R	70	43	66	22.8	66	Yes	-	Yes	No
P	I	1	P1-21_R01	9	R	70	44	66	22.4	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-21_R01	10	R	70	44	66	22.1	66	Yes	-	Yes	No
P	I	1	P1-21_R01	11	R	70	44	66	21.9	66	Yes	-	Yes	No
P	I	1	P1-21_R01	12	R	70	45	66	21.6	66	Yes	-	Yes	No
P	I	1	P1-21_R01	13	R	70	45	66	21.4	66	Yes	-	Yes	No
P	I	1	P1-21_R01	14	R	70	45	66	21.1	66	Yes	-	Yes	No
P	I	1	P1-21_R01	15	R	70	46	66	20.9	66	Yes	-	Yes	No
P	I	1	P1-21_R01	16	R	70	46	67	20.8	67	Yes	-	Yes	No
P	I	1	P1-21_R01	17	R	70	46	67	20.7	67	Yes	-	Yes	No
P	I	1	P1-21_R01	18	R	70	46	67	20.6	67	Yes	-	Yes	No
P	I	1	P1-21_R01	19	R	70	46	67	20.5	67	Yes	-	Yes	No
P	I	1	P1-21_R01	20	R	70	47	67	20.4	67	Yes	-	Yes	No
P	I	1	P1-21_R01	21	R	70	47	67	20.4	67	Yes	-	Yes	No
P	I	1	P1-21_R01	22	R	70	47	67	20.4	67	Yes	-	Yes	No
P	I	1	P1-21_R01	23	R	70	47	67	20.2	67	Yes	-	Yes	No
P	I	1	P1-21_R01	24	R	70	47	67	20.2	67	Yes	-	Yes	No
P	I	1	P1-21_R01	25	R	70	47	67	20.1	67	Yes	-	Yes	No
P	I	1	P1-21_R01	26	R	70	47	67	20.1	67	Yes	-	Yes	No
P	I	1	P1-21_R01	27	R	70	47	67	20.1	67	Yes	-	Yes	No
P	I	1	P1-21_R01	28	R	70	47	67	20.0	67	Yes	-	Yes	No
P	I	1	P1-21_R01	29	R	70	47	67	20.1	67	Yes	-	Yes	No
P	I	1	P1-21_R01	30	R	70	47	67	20.1	67	Yes	-	Yes	No
P	I	1	P1-21_R01	31	R	70	47	67	20.1	67	Yes	-	Yes	No
P	I	1	P1-21_R11	1	R	70	38	64	25.6	64	Yes	-	Yes	No
P	I	1	P1-21_R11	2	R	70	40	64	24.2	64	Yes	-	Yes	No
P	I	1	P1-21_R11	3	R	70	43	65	22.2	65	Yes	-	Yes	No
P	I	1	P1-21_R11	4	R	70	45	65	20.3	65	Yes	-	Yes	No
P	I	1	P1-21_R11	5	R	70	46	65	19.5	66	Yes	-	Yes	No
P	I	1	P1-21_R11	6	R	70	47	66	19.2	66	Yes	-	Yes	No
P	I	1	P1-21_R11	7	R	70	47	66	19.2	66	Yes	-	Yes	No
P	I	1	P1-21_R11	8	R	70	47	66	19.1	66	Yes	-	Yes	No
P	I	1	P1-21_R11	9	R	70	47	66	18.9	66	Yes	-	Yes	No
P	I	1	P1-21_R11	10	R	70	48	66	18.8	66	Yes	-	Yes	No
P	I	1	P1-21_R11	11	R	70	48	66	18.7	66	Yes	-	Yes	No
P	I	1	P1-21_R11	12	R	70	48	66	18.5	66	Yes	-	Yes	No
P	I	1	P1-21_R11	13	R	70	48	66	18.3	66	Yes	-	Yes	No
P	I	1	P1-21_R11	14	R	70	48	66	18.0	66	Yes	-	Yes	No
P	I	1	P1-21_R11	15	R	70	49	66	18.0	67	Yes	-	Yes	No
P	I	1	P1-21_R11	16	R	70	49	66	17.9	67	Yes	-	Yes	No
P	I	1	P1-21_R11	17	R	70	49	67	17.8	67	Yes	-	Yes	No
P	I	1	P1-21_R11	18	R	70	49	67	17.7	67	Yes	-	Yes	No
P	I	1	P1-21_R11	19	R	70	49	67	17.8	67	Yes	-	Yes	No
P	I	1	P1-21_R11	20	R	70	49	67	17.7	67	Yes	-	Yes	No
P	I	1	P1-21_R11	21	R	70	49	67	17.7	67	Yes	-	Yes	No
P	I	1	P1-21_R11	22	R	70	49	67	17.7	67	Yes	-	Yes	No
P	I	1	P1-21_R11	23	R	70	49	67	17.6	67	Yes	-	Yes	No
P	I	1	P1-21_R11	24	R	70	49	67	17.6	67	Yes	-	Yes	No
P	I	1	P1-21_R11	25	R	70	50	67	17.5	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-21_R11	26	R	70	50	67	17.5	67	Yes	-	Yes	No
P	I	1	P1-21_R11	27	R	70	50	67	17.5	67	Yes	-	Yes	No
P	I	1	P1-21_R11	28	R	70	50	67	17.5	67	Yes	-	Yes	No
P	I	1	P1-21_R11	29	R	70	50	67	17.6	67	Yes	-	Yes	No
P	I	1	P1-21_R11	30	R	70	50	67	17.6	67	Yes	-	Yes	No
P	I	1	P1-21_R11	31	R	70	50	67	17.7	67	Yes	-	Yes	No
P	I	1	P1-21_R21	1	R	70	36	54	17.4	54	Yes	-	Yes	No
P	I	1	P1-21_R21	2	R	70	42	63	21.3	63	Yes	-	Yes	No
P	I	1	P1-21_R21	3	R	70	45	68	23.3	68	Yes	-	Yes	No
P	I	1	P1-21_R21	4	R	70	47	68	21.4	68	Yes	-	Yes	No
P	I	1	P1-21_R21	5	R	70	48	68	20.6	68	Yes	-	Yes	No
P	I	1	P1-21_R21	6	R	70	48	68	20.3	68	Yes	-	Yes	No
P	I	1	P1-21_R21	7	R	70	48	68	20.0	68	Yes	-	Yes	No
P	I	1	P1-21_R21	8	R	70	49	68	19.8	68	Yes	-	Yes	No
P	I	1	P1-21_R21	9	R	70	49	68	19.5	68	Yes	-	Yes	No
P	I	1	P1-21_R21	10	R	70	49	68	19.2	68	Yes	-	Yes	No
P	I	1	P1-21_R21	11	R	70	49	68	18.8	68	Yes	-	Yes	No
P	I	1	P1-21_R21	12	R	70	50	68	18.4	68	Yes	-	Yes	No
P	I	1	P1-21_R21	13	R	70	50	68	18.2	68	Yes	-	Yes	No
P	I	1	P1-21_R21	14	R	70	50	68	18.0	68	Yes	-	Yes	No
P	I	1	P1-21_R21	15	R	70	50	68	17.9	68	Yes	-	Yes	No
P	I	1	P1-21_R21	16	R	70	50	68	17.7	68	Yes	-	Yes	No
P	I	1	P1-21_R21	17	R	70	51	68	17.6	68	Yes	-	Yes	No
P	I	1	P1-21_R21	18	R	70	51	68	17.5	68	Yes	-	Yes	No
P	I	1	P1-21_R21	19	R	70	51	68	17.5	68	Yes	-	Yes	No
P	I	1	P1-21_R21	20	R	70	51	68	17.4	68	Yes	-	Yes	No
P	I	1	P1-21_R21	21	R	70	51	68	17.4	68	Yes	-	Yes	No
P	I	1	P1-21_R21	22	R	70	51	68	17.4	68	Yes	-	Yes	No
P	I	1	P1-21_R21	23	R	70	51	68	17.4	68	Yes	-	Yes	No
P	I	1	P1-21_R21	24	R	70	51	68	17.3	68	Yes	-	Yes	No
P	I	1	P1-21_R21	25	R	70	51	68	17.3	68	Yes	-	Yes	No
P	I	1	P1-21_R21	26	R	70	51	68	17.4	69	Yes	-	Yes	No
P	I	1	P1-21_R21	27	R	70	51	68	17.3	69	Yes	-	Yes	No
P	I	1	P1-21_R21	28	R	70	51	69	17.4	69	Yes	-	Yes	No
P	I	1	P1-21_R21	29	R	70	51	69	17.4	69	Yes	-	Yes	No
P	I	1	P1-21_R21	30	R	70	51	69	17.4	69	Yes	-	Yes	No
P	I	1	P1-21_R21	31	R	70	51	69	17.5	69	Yes	-	Yes	No
P	I	1	P1-22_E01	1	E	65	23	68	45.3	68	No	-	No	Yes
P	I	1	P1-22_E01	2	E	65	24	73	49.4	73	No	-	No	Yes
P	I	1	P1-22_E01	3	E	65	24	74	50.4	74	No	-	No	Yes
P	I	1	P1-22_E01	4	E	65	24	75	50.3	75	No	-	No	Yes
P	I	1	P1-22_E01	5	E	65	25	75	49.7	75	No	-	No	Yes
P	I	1	P1-22_E01	6	E	65	26	74	48.9	74	No	-	No	Yes
P	I	1	P1-22_E01	7	E	65	26	74	48.1	74	No	-	No	Yes
P	I	1	P1-22_E01	8	E	65	27	74	47.3	74	No	-	No	Yes
P	I	1	P1-22_E02	1	E	65	27	69	42.4	69	No	-	No	Yes
P	I	1	P1-22_E02	2	E	65	27	73	46.2	73	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-22_E02	3	E	65	28	74	46.4	74	No	-	No	Yes
P	I	1	P1-22_E02	4	E	65	28	74	45.5	74	No	-	No	Yes
P	I	1	P1-22_E02	5	E	65	29	74	44.5	74	No	-	No	Yes
P	I	1	P1-22_E02	6	E	65	30	73	43.2	73	No	-	No	Yes
P	I	1	P1-22_E02	7	E	65	32	73	41.4	73	No	-	No	Yes
P	I	1	P1-22_E02	8	E	65	34	73	38.7	73	No	-	No	Yes
P	I	1	P1-22_E03	1	E	65	40	65	25.3	65	Yes	-	Yes	No
P	I	1	P1-22_E03	2	E	65	41	70	28.4	70	No	-	No	Yes
P	I	1	P1-22_E03	3	E	65	42	70	28.0	70	No	-	No	Yes
P	I	1	P1-22_E03	4	E	65	43	70	27.1	70	No	-	No	Yes
P	I	1	P1-22_E03	5	E	65	45	70	25.8	70	No	-	No	Yes
P	I	1	P1-22_E03	6	E	65	46	70	24.9	70	No	-	No	Yes
P	I	1	P1-22_E03	7	E	65	46	70	24.5	70	No	-	No	Yes
P	I	1	P1-22_E03	8	E	65	46	70	24.1	70	No	-	No	Yes
P	I	1	P1-22_E04	1	E	65	40	67	27.3	67	No	-	No	Yes
P	I	1	P1-22_E04	2	E	65	41	72	30.3	72	No	-	No	Yes
P	I	1	P1-22_E04	3	E	65	42	73	31.0	73	No	-	No	Yes
P	I	1	P1-22_E04	4	E	65	43	74	30.7	74	No	-	No	Yes
P	I	1	P1-22_E04	5	E	65	44	74	29.9	74	No	-	No	Yes
P	I	1	P1-22_E04	6	E	65	45	74	29.2	74	No	-	No	Yes
P	I	1	P1-22_E04	7	E	65	45	74	28.8	74	No	-	No	Yes
P	I	1	P1-22_E04	8	E	65	45	73	28.4	73	No	-	No	Yes
P	I	1	P1-22_E05	1	E	65	40	63	23.0	63	Yes	-	Yes	No
P	I	1	P1-22_E05	2	E	65	41	67	26.2	67	No	-	No	Yes
P	I	1	P1-22_E05	3	E	65	42	69	26.5	69	No	-	No	Yes
P	I	1	P1-22_E05	4	E	65	43	69	26.1	69	No	-	No	Yes
P	I	1	P1-22_E05	5	E	65	44	69	25.1	69	No	-	No	Yes
P	I	1	P1-22_E05	6	E	65	45	69	24.3	69	No	-	No	Yes
P	I	1	P1-22_E05	7	E	65	45	69	23.9	69	No	-	No	Yes
P	I	1	P1-22_E05	8	E	65	46	69	23.4	69	No	-	No	Yes
P	I	1	P1-22_E11	1	E	65	50	71	21.5	72	No	-	No	Yes
P	I	1	P1-22_E11	2	E	65	50	72	22.2	72	No	-	No	Yes
P	I	1	P1-22_E11	3	E	65	50	72	22.1	72	No	-	No	Yes
P	I	1	P1-22_E11	4	E	65	50	72	21.9	72	No	-	No	Yes
P	I	1	P1-22_E11	5	E	65	50	72	21.5	72	No	-	No	Yes
P	I	1	P1-22_E11	6	E	65	51	72	21.0	72	No	-	No	Yes
P	I	1	P1-22_E11	7	E	65	51	71	20.4	71	No	-	No	Yes
P	I	1	P1-22_E11	8	E	65	51	71	19.9	71	No	-	No	Yes
P	I	1	P1-22_E12	1	E	65	45	78	32.9	78	No	-	No	Yes
P	I	1	P1-22_E12	2	E	65	47	79	31.5	79	No	-	No	Yes
P	I	1	P1-22_E12	3	E	65	48	78	30.4	79	No	-	No	Yes
P	I	1	P1-22_E12	4	E	65	49	78	29.5	78	No	-	No	Yes
P	I	1	P1-22_E12	5	E	65	49	77	28.3	77	No	-	No	Yes
P	I	1	P1-22_E12	6	E	65	49	77	27.5	77	No	-	No	Yes
P	I	1	P1-22_E12	7	E	65	50	76	26.7	76	No	-	No	Yes
P	I	1	P1-22_E12	8	E	65	50	76	26.2	76	No	-	No	Yes
P	I	1	P1-22_E13	1	E	65	24	72	48.1	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	1	P1-22_E13	2	E	65	24	75	51.3	75	No	-	No	Yes
P	I	1	P1-22_E13	3	E	65	24	75	51.2	75	No	-	No	Yes
P	I	1	P1-22_E13	4	E	65	24	75	50.9	75	No	-	No	Yes
P	I	1	P1-22_E13	5	E	65	24	75	50.6	75	No	-	No	Yes
P	I	1	P1-22_E13	6	E	65	24	74	50.2	74	No	-	No	Yes
P	I	1	P1-22_E13	7	E	65	24	74	49.9	74	No	-	No	Yes
P	I	1	P1-22_E13	8	E	65	24	73	49.5	73	No	-	No	Yes
P	I	2	P2-02_R01	1	R	70	53	62	9.4	63	Yes	-	Yes	No
P	I	2	P2-02_R01	2	R	70	54	62	8.8	63	Yes	-	Yes	No
P	I	2	P2-02_R01	3	R	70	54	62	8.2	63	Yes	-	Yes	No
P	I	2	P2-02_R01	4	R	70	55	62	7.7	62	Yes	-	Yes	No
P	I	2	P2-02_R01	5	R	70	55	61	7.0	62	Yes	-	Yes	No
P	I	2	P2-02_R01	6	R	70	56	61	6.4	62	Yes	-	Yes	No
P	I	2	P2-02_R01	7	R	70	56	61	6.1	62	Yes	-	Yes	No
P	I	2	P2-02_R01	8	R	70	56	60	5.9	62	Yes	-	Yes	No
P	I	2	P2-02_R01	9	R	70	56	60	5.6	62	Yes	-	Yes	No
P	I	2	P2-02_R01	10	R	70	56	60	5.4	61	Yes	-	Yes	No
P	I	2	P2-02_R01	11	R	70	56	60	5.2	61	Yes	-	Yes	No
P	I	2	P2-02_R02	1	R	70	51	63	11.9	63	Yes	-	Yes	No
P	I	2	P2-02_R02	2	R	70	52	63	11.3	63	Yes	-	Yes	No
P	I	2	P2-02_R02	3	R	70	52	63	10.8	63	Yes	-	Yes	No
P	I	2	P2-02_R02	4	R	70	53	62	10.3	63	Yes	-	Yes	No
P	I	2	P2-02_R02	5	R	70	53	62	9.8	63	Yes	-	Yes	No
P	I	2	P2-02_R02	6	R	70	53	62	9.4	62	Yes	-	Yes	No
P	I	2	P2-02_R02	7	R	70	53	62	9.1	62	Yes	-	Yes	No
P	I	2	P2-02_R02	8	R	70	53	61	8.8	62	Yes	-	Yes	No
P	I	2	P2-02_R02	9	R	70	53	61	8.5	62	Yes	-	Yes	No
P	I	2	P2-02_R02	10	R	70	53	61	8.3	61	Yes	-	Yes	No
P	I	2	P2-02_R02	11	R	70	53	60	8.0	61	Yes	-	Yes	No
P	I	2	P2-02_R11	1	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	2	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	3	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	4	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	5	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	6	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	7	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	8	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R11	9	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R11	10	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R11	11	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R12	1	R	70	67	36	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R12	2	R	70	67	37	0.1	67	Yes	-	Yes	No
P	I	2	P2-02_R12	3	R	70	67	38	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R12	4	R	70	67	39	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R12	5	R	70	67	39	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R12	6	R	70	67	39	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R12	7	R	70	66	40	0.0	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-02_R12	8	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R12	9	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R12	10	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R12	11	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	1	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R21	2	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R21	3	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	4	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	5	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	6	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	7	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	8	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	9	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	10	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R21	11	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R22	1	R	70	67	37	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R22	2	R	70	67	38	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R22	3	R	70	67	39	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R22	4	R	70	67	39	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R22	5	R	70	67	40	0.0	67	Yes	-	Yes	No
P	I	2	P2-02_R22	6	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R22	7	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R22	8	R	70	66	40	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R22	9	R	70	66	41	0.1	66	Yes	-	Yes	No
P	I	2	P2-02_R22	10	R	70	66	41	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R22	11	R	70	66	41	0.0	66	Yes	-	Yes	No
P	I	2	P2-02_R31	1	R	70	49	64	15.4	64	Yes	-	Yes	No
P	I	2	P2-02_R31	2	R	70	50	64	14.5	64	Yes	-	Yes	No
P	I	2	P2-02_R31	3	R	70	51	64	13.3	64	Yes	-	Yes	No
P	I	2	P2-02_R31	4	R	70	51	63	12.2	64	Yes	-	Yes	No
P	I	2	P2-02_R31	5	R	70	52	63	11.7	63	Yes	-	Yes	No
P	I	2	P2-02_R31	6	R	70	52	63	11.1	63	Yes	-	Yes	No
P	I	2	P2-02_R31	7	R	70	52	62	10.6	63	Yes	-	Yes	No
P	I	2	P2-02_R31	8	R	70	52	62	10.1	62	Yes	-	Yes	No
P	I	2	P2-02_R31	9	R	70	52	62	9.8	62	Yes	-	Yes	No
P	I	2	P2-02_R31	10	R	70	53	61	9.4	62	Yes	-	Yes	No
P	I	2	P2-02_R31	11	R	70	53	61	9.2	62	Yes	-	Yes	No
P	I	2	P2-02_R32	1	R	70	46	65	18.7	65	Yes	-	Yes	No
P	I	2	P2-02_R32	2	R	70	46	64	18.2	64	Yes	-	Yes	No
P	I	2	P2-02_R32	3	R	70	46	64	17.6	64	Yes	-	Yes	No
P	I	2	P2-02_R32	4	R	70	47	64	17.1	64	Yes	-	Yes	No
P	I	2	P2-02_R32	5	R	70	47	63	16.7	63	Yes	-	Yes	No
P	I	2	P2-02_R32	6	R	70	47	63	16.3	63	Yes	-	Yes	No
P	I	2	P2-02_R32	7	R	70	47	63	15.9	63	Yes	-	Yes	No
P	I	2	P2-02_R32	8	R	70	47	62	15.4	62	Yes	-	Yes	No
P	I	2	P2-02_R32	9	R	70	47	62	14.8	62	Yes	-	Yes	No
P	I	2	P2-02_R32	10	R	70	47	62	14.2	62	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-02_R32	11	R	70	48	61	13.7	61	Yes	-	Yes	No
P	I	2	P2-03_R01	1	R	70	39	51	12.2	52	Yes	-	Yes	No
P	I	2	P2-03_R01	2	R	70	43	52	9.4	52	Yes	-	Yes	No
P	I	2	P2-03_R01	3	R	70	49	52	4.8	54	Yes	-	Yes	No
P	I	2	P2-03_R01	4	R	70	54	52	2.1	56	Yes	-	Yes	No
P	I	2	P2-03_R01	5	R	70	56	52	1.3	58	Yes	-	Yes	No
P	I	2	P2-03_R01	6	R	70	59	52	0.8	59	Yes	-	Yes	No
P	I	2	P2-03_R01	7	R	70	59	52	0.7	60	Yes	-	Yes	No
P	I	2	P2-03_R01	8	R	70	60	52	0.7	60	Yes	-	Yes	No
P	I	2	P2-03_R01	9	R	70	60	51	0.6	61	Yes	-	Yes	No
P	I	2	P2-03_R01	10	R	70	61	51	0.5	61	Yes	-	Yes	No
P	I	2	P2-03_R01	11	R	70	61	51	0.4	62	Yes	-	Yes	No
P	I	2	P2-03_R01	12	R	70	61	52	0.4	62	Yes	-	Yes	No
P	I	2	P2-03_R01	13	R	70	61	52	0.5	62	Yes	-	Yes	No
P	I	2	P2-03_R02	1	R	70	53	64	11.1	64	Yes	-	Yes	No
P	I	2	P2-03_R02	2	R	70	54	64	10.3	64	Yes	-	Yes	No
P	I	2	P2-03_R02	3	R	70	54	63	9.8	64	Yes	-	Yes	No
P	I	2	P2-03_R02	4	R	70	54	63	9.4	64	Yes	-	Yes	No
P	I	2	P2-03_R02	5	R	70	54	63	9.1	63	Yes	-	Yes	No
P	I	2	P2-03_R02	6	R	70	54	63	8.8	63	Yes	-	Yes	No
P	I	2	P2-03_R02	7	R	70	54	62	8.6	63	Yes	-	Yes	No
P	I	2	P2-03_R02	8	R	70	54	62	8.2	63	Yes	-	Yes	No
P	I	2	P2-03_R02	9	R	70	55	62	7.8	62	Yes	-	Yes	No
P	I	2	P2-03_R02	10	R	70	55	61	7.5	62	Yes	-	Yes	No
P	I	2	P2-03_R02	11	R	70	55	61	7.2	62	Yes	-	Yes	No
P	I	2	P2-03_R02	12	R	70	55	61	6.9	62	Yes	-	Yes	No
P	I	2	P2-03_R02	13	R	70	55	61	6.4	62	Yes	-	Yes	No
P	I	2	P2-03_R03	1	R	70	47	64	16.8	64	Yes	-	Yes	No
P	I	2	P2-03_R03	2	R	70	47	64	16.3	64	Yes	-	Yes	No
P	I	2	P2-03_R03	3	R	70	48	63	15.8	64	Yes	-	Yes	No
P	I	2	P2-03_R03	4	R	70	48	63	15.5	63	Yes	-	Yes	No
P	I	2	P2-03_R03	5	R	70	48	63	15.0	63	Yes	-	Yes	No
P	I	2	P2-03_R03	6	R	70	48	63	14.6	63	Yes	-	Yes	No
P	I	2	P2-03_R03	7	R	70	48	62	14.3	62	Yes	-	Yes	No
P	I	2	P2-03_R03	8	R	70	48	62	13.9	62	Yes	-	Yes	No
P	I	2	P2-03_R03	9	R	70	48	62	13.5	62	Yes	-	Yes	No
P	I	2	P2-03_R03	10	R	70	48	61	13.1	62	Yes	-	Yes	No
P	I	2	P2-03_R03	11	R	70	48	61	12.8	61	Yes	-	Yes	No
P	I	2	P2-03_R03	12	R	70	49	61	12.4	61	Yes	-	Yes	No
P	I	2	P2-03_R03	13	R	70	49	61	11.9	61	Yes	-	Yes	No
P	I	2	P2-03_R11	1	R	70	50	65	15.1	65	Yes	-	Yes	No
P	I	2	P2-03_R11	2	R	70	50	65	14.5	65	Yes	-	Yes	No
P	I	2	P2-03_R11	3	R	70	51	64	13.8	65	Yes	-	Yes	No
P	I	2	P2-03_R11	4	R	70	51	64	13.2	64	Yes	-	Yes	No
P	I	2	P2-03_R11	5	R	70	51	64	12.7	64	Yes	-	Yes	No
P	I	2	P2-03_R11	6	R	70	52	63	12.0	64	Yes	-	Yes	No
P	I	2	P2-03_R11	7	R	70	52	63	11.5	63	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-03_R11	8	R	70	52	63	11.0	63	Yes	-	Yes	No
P	I	2	P2-03_R11	9	R	70	52	62	10.6	63	Yes	-	Yes	No
P	I	2	P2-03_R11	10	R	70	52	62	10.3	62	Yes	-	Yes	No
P	I	2	P2-03_R11	11	R	70	52	62	9.9	62	Yes	-	Yes	No
P	I	2	P2-03_R11	12	R	70	52	61	9.7	62	Yes	-	Yes	No
P	I	2	P2-03_R11	13	R	70	52	61	9.4	62	Yes	-	Yes	No
P	I	2	P2-03_R12	1	R	70	50	65	15.5	65	Yes	-	Yes	No
P	I	2	P2-03_R12	2	R	70	50	65	14.7	65	Yes	-	Yes	No
P	I	2	P2-03_R12	3	R	70	51	65	14.1	65	Yes	-	Yes	No
P	I	2	P2-03_R12	4	R	70	51	64	13.6	64	Yes	-	Yes	No
P	I	2	P2-03_R12	5	R	70	51	64	13.3	64	Yes	-	Yes	No
P	I	2	P2-03_R12	6	R	70	51	64	12.9	64	Yes	-	Yes	No
P	I	2	P2-03_R12	7	R	70	51	63	12.6	64	Yes	-	Yes	No
P	I	2	P2-03_R12	8	R	70	51	63	12.2	63	Yes	-	Yes	No
P	I	2	P2-03_R12	9	R	70	51	63	11.9	63	Yes	-	Yes	No
P	I	2	P2-03_R12	10	R	70	51	62	11.6	63	Yes	-	Yes	No
P	I	2	P2-03_R12	11	R	70	51	62	11.3	62	Yes	-	Yes	No
P	I	2	P2-03_R12	12	R	70	51	62	11.1	62	Yes	-	Yes	No
P	I	2	P2-03_R12	13	R	70	51	61	10.8	62	Yes	-	Yes	No
P	I	2	P2-03_R21	1	R	70	55	63	8.9	64	Yes	-	Yes	No
P	I	2	P2-03_R21	2	R	70	55	63	8.8	63	Yes	-	Yes	No
P	I	2	P2-03_R21	3	R	70	55	63	8.7	63	Yes	-	Yes	No
P	I	2	P2-03_R21	4	R	70	55	63	8.5	63	Yes	-	Yes	No
P	I	2	P2-03_R21	5	R	70	55	62	8.3	63	Yes	-	Yes	No
P	I	2	P2-03_R21	6	R	70	55	62	8.0	63	Yes	-	Yes	No
P	I	2	P2-03_R21	7	R	70	55	62	7.8	63	Yes	-	Yes	No
P	I	2	P2-03_R21	8	R	70	55	62	7.6	62	Yes	-	Yes	No
P	I	2	P2-03_R21	9	R	70	55	61	7.3	62	Yes	-	Yes	No
P	I	2	P2-03_R21	10	R	70	55	61	7.2	62	Yes	-	Yes	No
P	I	2	P2-03_R21	11	R	70	55	61	6.9	62	Yes	-	Yes	No
P	I	2	P2-03_R21	12	R	70	55	60	6.6	61	Yes	-	Yes	No
P	I	2	P2-03_R21	13	R	70	55	60	6.6	61	Yes	-	Yes	No
P	I	2	P2-07_R01	1	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	2	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	3	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	4	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	5	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	6	R	70	64	20	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	7	R	70	64	20	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	8	R	70	64	20	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	9	R	70	64	20	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	10	R	70	64	20	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	11	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R01	12	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	1	R	70	65	37	0.0	65	Yes	-	Yes	No
P	I	2	P2-07_R02	2	R	70	65	38	0.0	65	Yes	-	Yes	No
P	I	2	P2-07_R02	3	R	70	64	39	0.1	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-07_R02	4	R	70	64	39	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	5	R	70	64	40	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	6	R	70	64	40	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	7	R	70	64	40	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R02	8	R	70	64	41	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	9	R	70	64	41	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	10	R	70	64	41	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	11	R	70	64	41	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R02	12	R	70	64	41	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R11	1	R	70	64	46	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R11	2	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	3	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	4	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	5	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	6	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	7	R	70	64	47	0.0	64	Yes	-	Yes	No
P	I	2	P2-07_R11	8	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	9	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	10	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	11	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R11	12	R	70	64	47	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R12	1	R	70	64	49	0.1	64	Yes	-	Yes	No
P	I	2	P2-07_R12	2	R	70	64	50	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	3	R	70	64	50	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	4	R	70	64	50	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	5	R	70	64	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	6	R	70	64	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	7	R	70	64	51	0.3	64	Yes	-	Yes	No
P	I	2	P2-07_R12	8	R	70	64	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	9	R	70	64	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	10	R	70	63	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	11	R	70	63	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R12	12	R	70	63	51	0.2	64	Yes	-	Yes	No
P	I	2	P2-07_R21	1	R	70	38	66	27.8	66	Yes	-	Yes	No
P	I	2	P2-07_R21	2	R	70	38	66	27.2	66	Yes	-	Yes	No
P	I	2	P2-07_R21	3	R	70	39	65	26.6	65	Yes	-	Yes	No
P	I	2	P2-07_R21	4	R	70	39	65	26.0	65	Yes	-	Yes	No
P	I	2	P2-07_R21	5	R	70	39	64	25.4	64	Yes	-	Yes	No
P	I	2	P2-07_R21	6	R	70	39	64	24.8	64	Yes	-	Yes	No
P	I	2	P2-07_R21	7	R	70	39	64	24.4	64	Yes	-	Yes	No
P	I	2	P2-07_R21	8	R	70	39	63	23.9	63	Yes	-	Yes	No
P	I	2	P2-07_R21	9	R	70	39	63	23.4	63	Yes	-	Yes	No
P	I	2	P2-07_R21	10	R	70	40	62	23.0	63	Yes	-	Yes	No
P	I	2	P2-07_R21	11	R	70	40	62	22.5	62	Yes	-	Yes	No
P	I	2	P2-07_R21	12	R	70	40	62	22.0	62	Yes	-	Yes	No
P	I	2	P2-09_E01	1	E	65	65	48	0.1	65	Yes	-	Yes	No
P	I	2	P2-09_E01	2	E	65	65	50	0.1	66	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-09_E01	3	E	65	65	51	0.2	66	Yes	-	No	Yes
P	I	2	P2-09_E01	4	E	65	65	51	0.2	66	Yes	-	No	Yes
P	I	2	P2-09_E01	5	E	65	65	52	0.3	66	Yes	-	No	Yes
P	I	2	P2-09_E01	6	E	65	65	54	0.3	66	Yes	-	No	Yes
P	I	2	P2-09_E01	7	E	65	65	55	0.4	66	Yes	-	No	Yes
P	I	2	P2-09_E01	8	E	65	65	55	0.4	66	Yes	-	No	Yes
P	I	2	P2-09_E02	1	E	65	42	57	15.0	57	Yes	-	Yes	No
P	I	2	P2-09_E02	2	E	65	42	60	17.2	60	Yes	-	Yes	No
P	I	2	P2-09_E02	3	E	65	42	60	17.8	60	Yes	-	Yes	No
P	I	2	P2-09_E02	4	E	65	42	60	17.8	60	Yes	-	Yes	No
P	I	2	P2-09_E02	5	E	65	42	60	17.7	60	Yes	-	Yes	No
P	I	2	P2-09_E02	6	E	65	42	60	17.6	60	Yes	-	Yes	No
P	I	2	P2-09_E02	7	E	65	42	60	17.4	60	Yes	-	Yes	No
P	I	2	P2-09_E02	8	E	65	42	59	17.3	60	Yes	-	Yes	No
P	I	2	P2-10_R01	1	R	70	69	57	0.3	69	Yes	-	Yes	No
P	I	2	P2-10_R01	2	R	70	69	58	0.3	69	Yes	-	Yes	No
P	I	2	P2-10_R01	3	R	70	69	58	0.4	69	Yes	-	Yes	No
P	I	2	P2-10_R01	4	R	70	68	59	0.5	69	Yes	-	Yes	No
P	I	2	P2-10_R01	5	R	70	68	59	0.6	69	Yes	-	Yes	No
P	I	2	P2-10_R01	6	R	70	68	60	0.7	69	Yes	-	Yes	No
P	I	2	P2-10_R01	7	R	70	68	60	0.7	69	Yes	-	Yes	No
P	I	2	P2-10_R01	8	R	70	68	61	0.8	69	Yes	-	Yes	No
P	I	2	P2-10_R01	9	R	70	68	61	0.8	68	Yes	-	Yes	No
P	I	2	P2-10_R01	10	R	70	67	61	0.9	68	Yes	-	Yes	No
P	I	2	P2-10_R01	11	R	70	67	61	1.0	68	Yes	-	Yes	No
P	I	2	P2-10_R01	12	R	70	67	61	0.9	68	Yes	-	Yes	No
P	I	2	P2-10_R01	13	R	70	67	61	1.0	68	Yes	-	Yes	No
P	I	2	P2-10_R01	14	R	70	67	61	1.1	68	Yes	-	Yes	No
P	I	2	P2-10_R11	1	R	70	69	60	0.6	70	Yes	-	Yes	No
P	I	2	P2-10_R11	2	R	70	69	61	0.6	69	Yes	-	Yes	No
P	I	2	P2-10_R11	3	R	70	69	61	0.7	69	Yes	-	Yes	No
P	I	2	P2-10_R11	4	R	70	69	61	0.8	69	Yes	-	Yes	No
P	I	2	P2-10_R11	5	R	70	68	62	0.9	69	Yes	-	Yes	No
P	I	2	P2-10_R11	6	R	70	68	62	1.0	69	Yes	-	Yes	No
P	I	2	P2-10_R11	7	R	70	68	62	1.0	69	Yes	-	Yes	No
P	I	2	P2-10_R11	8	R	70	68	62	1.1	69	Yes	-	Yes	No
P	I	2	P2-10_R11	9	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	2	P2-10_R11	10	R	70	67	63	1.3	69	Yes	-	Yes	No
P	I	2	P2-10_R11	11	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	2	P2-10_R11	12	R	70	67	63	1.4	68	Yes	-	Yes	No
P	I	2	P2-10_R11	13	R	70	67	63	1.5	68	Yes	-	Yes	No
P	I	2	P2-10_R11	14	R	70	67	63	1.6	68	Yes	-	Yes	No
P	I	2	P2-10_R21	1	R	70	7	66	59.5	66	Yes	-	Yes	No
P	I	2	P2-10_R21	2	R	70	7	66	59.4	66	Yes	-	Yes	No
P	I	2	P2-10_R21	3	R	70	7	66	59.3	66	Yes	-	Yes	No
P	I	2	P2-10_R21	4	R	70	7	66	59.1	66	Yes	-	Yes	No
P	I	2	P2-10_R21	5	R	70	7	66	59.0	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-10_R21	6	R	70	7	65	58.7	65	Yes	-	Yes	No
P	I	2	P2-10_R21	7	R	70	7	65	58.5	65	Yes	-	Yes	No
P	I	2	P2-10_R21	8	R	70	7	65	58.3	65	Yes	-	Yes	No
P	I	2	P2-10_R21	9	R	70	7	65	57.9	65	Yes	-	Yes	No
P	I	2	P2-10_R21	10	R	70	9	65	56.2	65	Yes	-	Yes	No
P	I	2	P2-10_R21	11	R	70	10	65	54.2	65	Yes	-	Yes	No
P	I	2	P2-10_R21	12	R	70	12	64	52.1	64	Yes	-	Yes	No
P	I	2	P2-10_R21	13	R	70	15	64	49.4	64	Yes	-	Yes	No
P	I	2	P2-10_R21	14	R	70	18	64	46.3	64	Yes	-	Yes	No
P	I	2	P2-10_R31	1	R	70	40	65	24.7	65	Yes	-	Yes	No
P	I	2	P2-10_R31	2	R	70	40	65	24.6	65	Yes	-	Yes	No
P	I	2	P2-10_R31	3	R	70	40	64	24.3	64	Yes	-	Yes	No
P	I	2	P2-10_R31	4	R	70	40	64	24.1	64	Yes	-	Yes	No
P	I	2	P2-10_R31	5	R	70	40	64	23.9	64	Yes	-	Yes	No
P	I	2	P2-10_R31	6	R	70	40	64	23.6	64	Yes	-	Yes	No
P	I	2	P2-10_R31	7	R	70	40	63	23.3	63	Yes	-	Yes	No
P	I	2	P2-10_R31	8	R	70	40	63	22.9	63	Yes	-	Yes	No
P	I	2	P2-10_R31	9	R	70	40	63	22.6	63	Yes	-	Yes	No
P	I	2	P2-10_R31	10	R	70	40	62	22.5	63	Yes	-	Yes	No
P	I	2	P2-10_R31	11	R	70	40	62	22.2	62	Yes	-	Yes	No
P	I	2	P2-10_R31	12	R	70	40	62	21.9	62	Yes	-	Yes	No
P	I	2	P2-10_R31	13	R	70	40	62	21.6	62	Yes	-	Yes	No
P	I	2	P2-10_R31	14	R	70	40	61	21.4	62	Yes	-	Yes	No
P	I	2	P2-11_R01	1	R	70	64	62	2.0	66	Yes	-	Yes	No
P	I	2	P2-11_R01	2	R	70	64	62	2.2	67	Yes	-	Yes	No
P	I	2	P2-11_R01	3	R	70	64	63	2.3	67	Yes	-	Yes	No
P	I	2	P2-11_R01	4	R	70	64	63	2.3	67	Yes	-	Yes	No
P	I	2	P2-11_R01	5	R	70	64	63	2.5	67	Yes	-	Yes	No
P	I	2	P2-11_R01	6	R	70	64	63	2.6	67	Yes	-	Yes	No
P	I	2	P2-11_R01	7	R	70	64	63	2.6	67	Yes	-	Yes	No
P	I	2	P2-11_R01	8	R	70	64	63	2.6	67	Yes	-	Yes	No
P	I	2	P2-11_R01	9	R	70	64	63	2.7	67	Yes	-	Yes	No
P	I	2	P2-11_R01	10	R	70	64	63	2.7	66	Yes	-	Yes	No
P	I	2	P2-11_R01	11	R	70	64	63	2.8	66	Yes	-	Yes	No
P	I	2	P2-11_R01	12	R	70	64	63	2.8	66	Yes	-	Yes	No
P	I	2	P2-11_R01	13	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	2	P2-11_R01	14	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	2	P2-11_R01	15	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	2	P2-11_R01	16	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	2	P2-11_R01	17	R	70	63	63	3.0	66	Yes	-	Yes	No
P	I	2	P2-11_R01	18	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	2	P2-11_R11	1	R	70	65	66	3.8	69	Yes	-	Yes	No
P	I	2	P2-11_R11	2	R	70	65	67	4.1	69	Yes	-	Yes	No
P	I	2	P2-11_R11	3	R	70	65	67	4.2	69	Yes	-	Yes	No
P	I	2	P2-11_R11	4	R	70	65	67	4.3	69	Yes	-	Yes	No
P	I	2	P2-11_R11	5	R	70	64	67	4.3	69	Yes	-	Yes	No
P	I	2	P2-11_R11	6	R	70	64	67	4.3	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-11_R11	7	R	70	64	67	4.3	69	Yes	-	Yes	No
P	I	2	P2-11_R11	8	R	70	64	67	4.3	69	Yes	-	Yes	No
P	I	2	P2-11_R11	9	R	70	64	66	4.3	68	Yes	-	Yes	No
P	I	2	P2-11_R11	10	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R11	11	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R11	12	R	70	64	66	4.3	68	Yes	-	Yes	No
P	I	2	P2-11_R11	13	R	70	64	66	4.3	68	Yes	-	Yes	No
P	I	2	P2-11_R11	14	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R11	15	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R11	16	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R11	17	R	70	63	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R11	18	R	70	63	66	4.4	68	Yes	-	Yes	No
P	I	2	P2-11_R21	1	R	70	54	73	19.4	74	No	-	No	Yes
P	I	2	P2-11_R21	2	R	70	54	73	19.1	73	No	-	No	Yes
P	I	2	P2-11_R21	3	R	70	54	73	19.0	73	No	-	No	Yes
P	I	2	P2-11_R21	4	R	70	55	73	18.8	73	No	-	No	Yes
P	I	2	P2-11_R21	5	R	70	55	73	18.7	73	No	-	No	Yes
P	I	2	P2-11_R21	6	R	70	55	73	18.5	73	No	-	No	Yes
P	I	2	P2-11_R21	7	R	70	55	73	18.5	73	No	-	No	Yes
P	I	2	P2-11_R21	8	R	70	55	73	18.4	73	No	-	No	Yes
P	I	2	P2-11_R21	9	R	70	55	73	18.3	73	No	-	No	Yes
P	I	2	P2-11_R21	10	R	70	55	73	18.2	73	No	-	No	Yes
P	I	2	P2-11_R21	11	R	70	55	73	18.1	73	No	-	No	Yes
P	I	2	P2-11_R21	12	R	70	54	72	18.1	73	No	-	No	Yes
P	I	2	P2-11_R21	13	R	70	54	72	18.0	72	No	-	No	Yes
P	I	2	P2-11_R21	14	R	70	54	72	17.9	72	No	-	No	Yes
P	I	2	P2-11_R21	15	R	70	54	72	17.9	72	No	-	No	Yes
P	I	2	P2-11_R21	16	R	70	54	72	17.8	72	No	-	No	Yes
P	I	2	P2-11_R21	17	R	70	54	72	17.7	72	No	-	No	Yes
P	I	2	P2-11_R21	18	R	70	54	72	17.6	72	No	-	No	Yes
P	I	2	P2-11_R22	1	R	70	24	71	47.1	71	No	-	No	Yes
P	I	2	P2-11_R22	2	R	70	24	71	47.1	71	No	-	No	Yes
P	I	2	P2-11_R22	3	R	70	24	71	47.1	71	No	-	No	Yes
P	I	2	P2-11_R22	4	R	70	24	71	47.0	71	No	-	No	Yes
P	I	2	P2-11_R22	5	R	70	24	71	47.0	71	No	-	No	Yes
P	I	2	P2-11_R22	6	R	70	24	70	46.9	70	Yes	-	Yes	No
P	I	2	P2-11_R22	7	R	70	24	70	46.8	70	Yes	-	Yes	No
P	I	2	P2-11_R22	8	R	70	23	70	46.7	70	Yes	-	Yes	No
P	I	2	P2-11_R22	9	R	70	23	70	46.6	70	Yes	-	Yes	No
P	I	2	P2-11_R22	10	R	70	23	70	46.7	70	Yes	-	Yes	No
P	I	2	P2-11_R22	11	R	70	23	70	46.4	70	Yes	-	Yes	No
P	I	2	P2-11_R22	12	R	70	23	70	46.3	70	Yes	-	Yes	No
P	I	2	P2-11_R22	13	R	70	23	70	46.3	70	Yes	-	Yes	No
P	I	2	P2-11_R22	14	R	70	23	70	46.1	70	Yes	-	Yes	No
P	I	2	P2-11_R22	15	R	70	23	69	46.1	69	Yes	-	Yes	No
P	I	2	P2-11_R22	16	R	70	23	69	46.0	69	Yes	-	Yes	No
P	I	2	P2-11_R22	17	R	70	23	69	46.1	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-11_R22	18	R	70	23	69	46.1	69	Yes	-	Yes	No
P	I	2	P2-11_R31	1	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	2	P2-11_R31	2	R	70	0	69	69.2	69	Yes	-	Yes	No
P	I	2	P2-11_R31	3	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	2	P2-11_R31	4	R	70	0	69	68.9	69	Yes	-	Yes	No
P	I	2	P2-11_R31	5	R	70	0	69	68.7	69	Yes	-	Yes	No
P	I	2	P2-11_R31	6	R	70	0	69	68.5	69	Yes	-	Yes	No
P	I	2	P2-11_R31	7	R	70	0	68	68.4	68	Yes	-	Yes	No
P	I	2	P2-11_R31	8	R	70	0	68	68.2	68	Yes	-	Yes	No
P	I	2	P2-11_R31	9	R	70	0	68	68.0	68	Yes	-	Yes	No
P	I	2	P2-11_R31	10	R	70	0	68	67.9	68	Yes	-	Yes	No
P	I	2	P2-11_R31	11	R	70	0	68	67.8	68	Yes	-	Yes	No
P	I	2	P2-11_R31	12	R	70	0	68	67.6	68	Yes	-	Yes	No
P	I	2	P2-11_R31	13	R	70	0	68	67.5	68	Yes	-	Yes	No
P	I	2	P2-11_R31	14	R	70	0	67	67.4	67	Yes	-	Yes	No
P	I	2	P2-11_R31	15	R	70	0	67	67.3	67	Yes	-	Yes	No
P	I	2	P2-11_R31	16	R	70	0	67	67.2	67	Yes	-	Yes	No
P	I	2	P2-11_R31	17	R	70	0	67	67.1	67	Yes	-	Yes	No
P	I	2	P2-11_R31	18	R	70	0	67	67.0	67	Yes	-	Yes	No
P	I	2	P2-14_R01	1	R	70	47	65	18.1	65	Yes	-	Yes	No
P	I	2	P2-14_R01	2	R	70	48	65	17.5	65	Yes	-	Yes	No
P	I	2	P2-14_R01	3	R	70	48	65	16.8	65	Yes	-	Yes	No
P	I	2	P2-14_R01	4	R	70	48	65	16.3	65	Yes	-	Yes	No
P	I	2	P2-14_R01	5	R	70	48	64	15.9	64	Yes	-	Yes	No
P	I	2	P2-14_R01	6	R	70	49	64	15.5	64	Yes	-	Yes	No
P	I	2	P2-14_R01	7	R	70	49	64	15.3	64	Yes	-	Yes	No
P	I	2	P2-14_R01	8	R	70	49	63	14.9	63	Yes	-	Yes	No
P	I	2	P2-14_R01	9	R	70	49	63	14.5	63	Yes	-	Yes	No
P	I	2	P2-14_R01	10	R	70	49	63	14.3	63	Yes	-	Yes	No
P	I	2	P2-14_R01	11	R	70	49	63	14.0	63	Yes	-	Yes	No
P	I	2	P2-14_R01	12	R	70	49	62	13.7	62	Yes	-	Yes	No
P	I	2	P2-14_R11	1	R	70	38	67	28.8	67	Yes	-	Yes	No
P	I	2	P2-14_R11	2	R	70	39	67	28.1	67	Yes	-	Yes	No
P	I	2	P2-14_R11	3	R	70	40	67	27.2	67	Yes	-	Yes	No
P	I	2	P2-14_R11	4	R	70	41	67	25.9	67	Yes	-	Yes	No
P	I	2	P2-14_R11	5	R	70	43	67	24.3	67	Yes	-	Yes	No
P	I	2	P2-14_R11	6	R	70	44	67	22.3	67	Yes	-	Yes	No
P	I	2	P2-14_R11	7	R	70	46	67	20.6	67	Yes	-	Yes	No
P	I	2	P2-14_R11	8	R	70	48	66	18.6	66	Yes	-	Yes	No
P	I	2	P2-14_R11	9	R	70	49	66	17.4	66	Yes	-	Yes	No
P	I	2	P2-14_R11	10	R	70	49	66	16.8	66	Yes	-	Yes	No
P	I	2	P2-14_R11	11	R	70	50	66	16.4	66	Yes	-	Yes	No
P	I	2	P2-14_R11	12	R	70	50	66	16.1	66	Yes	-	Yes	No
P	I	2	P2-14_R12	1	R	70	33	67	33.9	67	Yes	-	Yes	No
P	I	2	P2-14_R12	2	R	70	34	67	33.2	67	Yes	-	Yes	No
P	I	2	P2-14_R12	3	R	70	35	68	32.3	68	Yes	-	Yes	No
P	I	2	P2-14_R12	4	R	70	36	68	31.2	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-14_R12	5	R	70	38	68	29.8	68	Yes	-	Yes	No
P	I	2	P2-14_R12	6	R	70	40	68	27.9	68	Yes	-	Yes	No
P	I	2	P2-14_R12	7	R	70	42	68	25.7	68	Yes	-	Yes	No
P	I	2	P2-14_R12	8	R	70	43	67	24.5	67	Yes	-	Yes	No
P	I	2	P2-14_R12	9	R	70	45	67	22.7	67	Yes	-	Yes	No
P	I	2	P2-14_R12	10	R	70	46	67	21.8	67	Yes	-	Yes	No
P	I	2	P2-14_R12	11	R	70	46	67	21.2	67	Yes	-	Yes	No
P	I	2	P2-14_R12	12	R	70	47	67	20.7	67	Yes	-	Yes	No
P	I	2	P2-15_R01	1	R	70	43	63	19.9	63	Yes	-	Yes	No
P	I	2	P2-15_R01	2	R	70	46	64	17.9	64	Yes	-	Yes	No
P	I	2	P2-15_R01	3	R	70	48	64	16.3	64	Yes	-	Yes	No
P	I	2	P2-15_R01	4	R	70	48	64	15.4	64	Yes	-	Yes	No
P	I	2	P2-15_R01	5	R	70	48	63	14.9	63	Yes	-	Yes	No
P	I	2	P2-15_R01	6	R	70	49	63	14.4	63	Yes	-	Yes	No
P	I	2	P2-15_R01	7	R	70	49	62	14.0	63	Yes	-	Yes	No
P	I	2	P2-15_R01	8	R	70	49	62	13.6	62	Yes	-	Yes	No
P	I	2	P2-16_E01	1	E	65	16	66	49.7	66	No	-	No	Yes
P	I	2	P2-16_E01	2	E	65	18	67	48.8	67	No	-	No	Yes
P	I	2	P2-16_E01	3	E	65	20	67	46.7	67	No	-	No	Yes
P	I	2	P2-16_E01	4	E	65	21	66	44.8	66	No	-	No	Yes
P	I	2	P2-16_E01	5	E	65	23	66	42.6	66	No	-	No	Yes
P	I	2	P2-16_E01	6	E	65	25	65	40.2	65	Yes	-	Yes	No
P	I	2	P2-16_E01	7	E	65	27	65	37.7	65	Yes	-	Yes	No
P	I	2	P2-16_E01	8	E	65	30	65	34.9	65	Yes	-	Yes	No
P	I	2	P2-16_E11	1	E	65	0	64	63.7	64	Yes	-	Yes	No
P	I	2	P2-16_E11	2	E	65	0	65	64.7	65	Yes	-	Yes	No
P	I	2	P2-16_E11	3	E	65	0	64	64.4	64	Yes	-	Yes	No
P	I	2	P2-16_E11	4	E	65	0	64	64.1	64	Yes	-	Yes	No
P	I	2	P2-16_E11	5	E	65	0	64	63.7	64	Yes	-	Yes	No
P	I	2	P2-16_E11	6	E	65	0	63	63.3	63	Yes	-	Yes	No
P	I	2	P2-16_E11	7	E	65	0	63	62.9	63	Yes	-	Yes	No
P	I	2	P2-16_E11	8	E	65	0	63	62.6	63	Yes	-	Yes	No
P	I	2	P2-16_E12	1	E	65	16	69	53.1	69	No	-	No	Yes
P	I	2	P2-16_E12	2	E	65	18	69	50.9	69	No	-	No	Yes
P	I	2	P2-16_E12	3	E	65	21	69	47.8	69	No	-	No	Yes
P	I	2	P2-16_E12	4	E	65	23	68	44.9	68	No	-	No	Yes
P	I	2	P2-16_E12	5	E	65	26	67	40.9	67	No	-	No	Yes
P	I	2	P2-16_E12	6	E	65	33	67	34.0	67	No	-	No	Yes
P	I	2	P2-16_E12	7	E	65	35	66	31.1	66	No	-	No	Yes
P	I	2	P2-16_E12	8	E	65	36	66	29.6	66	No	-	No	Yes
P	I	2	P2-18_R01	1	R	70	33	69	35.2	69	Yes	-	Yes	No
P	I	2	P2-18_R01	2	R	70	34	69	35.1	69	Yes	-	Yes	No
P	I	2	P2-18_R01	3	R	70	34	69	34.8	69	Yes	-	Yes	No
P	I	2	P2-18_R02	1	R	70	41	70	28.9	70	Yes	-	Yes	No
P	I	2	P2-18_R02	2	R	70	42	71	28.8	71	No	-	No	Yes
P	I	2	P2-18_R02	3	R	70	43	71	28.5	71	No	-	No	Yes
P	I	2	P2-18_R03	1	R	70	18	71	53.2	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-18_R03	2	R	70	18	71	53.5	71	No	-	No	Yes
P	I	2	P2-18_R03	3	R	70	18	71	53.2	71	No	-	No	Yes
P	I	2	P2-18_R04	1	R	70	0	69	68.7	69	Yes	-	Yes	No
P	I	2	P2-18_R04	2	R	70	0	70	69.6	70	Yes	-	Yes	No
P	I	2	P2-18_R04	3	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	2	P2-18_R05	1	R	70	9	70	60.5	70	Yes	-	Yes	No
P	I	2	P2-18_R05	2	R	70	9	69	60.4	69	Yes	-	Yes	No
P	I	2	P2-18_R05	3	R	70	10	69	59.5	69	Yes	-	Yes	No
P	I	2	P2-19_R01	1	R	70	20	66	46.0	66	Yes	-	Yes	No
P	I	2	P2-19_R01	2	R	70	20	67	47.3	67	Yes	-	Yes	No
P	I	2	P2-19_R01	3	R	70	20	67	47.6	67	Yes	-	Yes	No
P	I	2	P2-24_E01	1	E	65	43	62	19.7	62	Yes	-	Yes	No
P	I	2	P2-24_E01	2	E	65	46	68	22.0	68	No	-	No	Yes
P	I	2	P2-24_E01	3	E	65	46	69	22.4	69	No	-	No	Yes
P	I	2	P2-24_E01	4	E	65	47	70	22.9	70	No	-	No	Yes
P	I	2	P2-24_E01	5	E	65	47	70	23.1	70	No	-	No	Yes
P	I	2	P2-24_E01	6	E	65	47	70	22.9	70	No	-	No	Yes
P	I	2	P2-24_E01	7	E	65	47	69	22.6	69	No	-	No	Yes
P	I	2	P2-24_E01	8	E	65	47	69	22.3	69	No	-	No	Yes
P	I	2	P2-24_E02	1	E	65	20	59	39.3	59	Yes	-	Yes	No
P	I	2	P2-24_E02	2	E	65	20	61	41.1	61	Yes	-	Yes	No
P	I	2	P2-24_E02	3	E	65	20	61	41.5	61	Yes	-	Yes	No
P	I	2	P2-24_E02	4	E	65	21	61	40.3	61	Yes	-	Yes	No
P	I	2	P2-24_E02	5	E	65	23	61	38.2	61	Yes	-	Yes	No
P	I	2	P2-24_E02	6	E	65	25	61	35.8	61	Yes	-	Yes	No
P	I	2	P2-24_E02	7	E	65	27	61	33.7	61	Yes	-	Yes	No
P	I	2	P2-24_E02	8	E	65	29	61	31.9	61	Yes	-	Yes	No
P	I	2	P2-24_E11	1	E	65	23	61	37.4	61	Yes	-	Yes	No
P	I	2	P2-24_E11	2	E	65	24	63	39.4	63	Yes	-	Yes	No
P	I	2	P2-24_E11	3	E	65	25	64	38.9	64	Yes	-	Yes	No
P	I	2	P2-24_E11	4	E	65	26	64	37.7	64	Yes	-	Yes	No
P	I	2	P2-24_E11	5	E	65	27	64	36.4	64	Yes	-	Yes	No
P	I	2	P2-24_E11	6	E	65	29	64	35.0	64	Yes	-	Yes	No
P	I	2	P2-24_E11	7	E	65	30	64	33.7	64	Yes	-	Yes	No
P	I	2	P2-24_E11	8	E	65	31	64	32.6	64	Yes	-	Yes	No
P	I	2	P2-25_R01	1	R	70	22	71	49.2	71	No	-	No	Yes
P	I	2	P2-25_R01	2	R	70	22	71	48.5	71	No	-	No	Yes
P	I	2	P2-25_R01	3	R	70	23	71	47.7	71	No	-	No	Yes
P	I	2	P2-25_R01	4	R	70	23	70	46.8	70	Yes	-	Yes	No
P	I	2	P2-25_R01	5	R	70	24	70	45.8	70	Yes	-	Yes	No
P	I	2	P2-25_R01	6	R	70	25	70	44.8	70	Yes	-	Yes	No
P	I	2	P2-25_R01	7	R	70	26	69	43.8	69	Yes	-	Yes	No
P	I	2	P2-25_R01	8	R	70	26	69	42.9	69	Yes	-	Yes	No
P	I	2	P2-26_E01	1	E	65	14	65	51.3	65	Yes	-	Yes	No
P	I	2	P2-26_E01	2	E	65	15	68	53.3	68	No	-	No	Yes
P	I	2	P2-26_E01	3	E	65	16	69	53.6	69	No	-	No	Yes
P	I	2	P2-26_E01	4	E	65	17	70	53.3	70	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-26_E01	5	E	65	18	70	52.6	70	No	-	No	Yes
P	I	2	P2-26_E01	6	E	65	19	70	51.7	70	No	-	No	Yes
P	I	2	P2-26_E01	7	E	65	20	70	50.6	70	No	-	No	Yes
P	I	2	P2-26_E01	8	E	65	21	70	49.6	70	No	-	No	Yes
P	I	2	P2-26_E02	1	E	65	0	63	62.7	63	Yes	-	Yes	No
P	I	2	P2-26_E02	2	E	65	0	66	66.2	66	No	-	No	Yes
P	I	2	P2-26_E02	3	E	65	0	68	67.8	68	No	-	No	Yes
P	I	2	P2-26_E02	4	E	65	0	69	68.5	69	No	-	No	Yes
P	I	2	P2-26_E02	5	E	65	0	69	68.9	69	No	-	No	Yes
P	I	2	P2-26_E02	6	E	65	0	69	69.1	69	No	-	No	Yes
P	I	2	P2-26_E02	7	E	65	0	69	69.1	69	No	-	No	Yes
P	I	2	P2-26_E02	8	E	65	0	69	69.1	69	No	-	No	Yes
P	I	2	P2-26_E11	1	E	65	14	63	48.4	63	Yes	-	Yes	No
P	I	2	P2-26_E11	2	E	65	15	66	51.0	66	No	-	No	Yes
P	I	2	P2-26_E11	3	E	65	16	67	51.2	67	No	-	No	Yes
P	I	2	P2-26_E11	4	E	65	17	67	50.1	67	No	-	No	Yes
P	I	2	P2-26_E11	5	E	65	18	68	49.2	68	No	-	No	Yes
P	I	2	P2-26_E11	6	E	65	19	68	48.1	68	No	-	No	Yes
P	I	2	P2-26_E11	7	E	65	20	68	47.2	68	No	-	No	Yes
P	I	2	P2-26_E11	8	E	65	22	67	45.9	67	No	-	No	Yes
P	I	2	P2-28_E01	1	E	65	10	61	51.0	61	Yes	-	Yes	No
P	I	2	P2-28_E01	2	E	65	11	65	54.2	65	Yes	-	Yes	No
P	I	2	P2-28_E01	3	E	65	11	66	55.7	66	No	-	No	Yes
P	I	2	P2-28_E01	4	E	65	12	67	55.4	67	No	-	No	Yes
P	I	2	P2-28_E01	5	E	65	14	68	53.9	68	No	-	No	Yes
P	I	2	P2-28_E01	6	E	65	16	68	52.2	68	No	-	No	Yes
P	I	2	P2-28_E01	7	E	65	17	68	50.8	68	No	-	No	Yes
P	I	2	P2-28_E01	8	E	65	19	68	49.5	68	No	-	No	Yes
P	I	2	P2-28_E02	1	E	65	0	60	60.4	60	Yes	-	Yes	No
P	I	2	P2-28_E02	2	E	65	0	64	63.6	64	Yes	-	Yes	No
P	I	2	P2-28_E02	3	E	65	0	65	65.3	65	Yes	-	Yes	No
P	I	2	P2-28_E02	4	E	65	0	66	66.4	66	No	-	No	Yes
P	I	2	P2-28_E02	5	E	65	0	67	66.9	67	No	-	No	Yes
P	I	2	P2-28_E02	6	E	65	0	67	67.1	67	No	-	No	Yes
P	I	2	P2-28_E02	7	E	65	0	67	67.3	67	No	-	No	Yes
P	I	2	P2-28_E02	8	E	65	0	67	67.3	67	No	-	No	Yes
P	I	2	P2-30_R01	1	R	70	0	70	70.1	70	Yes	-	Yes	No
P	I	2	P2-30_R01	2	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	2	P2-30_R01	3	R	70	0	70	70.0	70	Yes	-	Yes	No
P	I	2	P2-30_R01	4	R	70	0	70	69.9	70	Yes	-	Yes	No
P	I	2	P2-30_R01	5	R	70	0	70	69.9	70	Yes	-	Yes	No
P	I	2	P2-30_R01	6	R	70	0	70	69.8	70	Yes	-	Yes	No
P	I	2	P2-30_R01	7	R	70	0	70	69.7	70	Yes	-	Yes	No
P	I	2	P2-30_R01	8	R	70	0	70	69.6	70	Yes	-	Yes	No
P	I	2	P2-30_R01	9	R	70	0	70	69.5	70	Yes	-	Yes	No
P	I	2	P2-30_R01	10	R	70	0	69	69.3	69	Yes	-	Yes	No
P	I	2	P2-30_R01	11	R	70	0	69	69.2	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-30_R01	12	R	70	0	69	69.1	69	Yes	-	Yes	No
P	I	2	P2-30_R01	13	R	70	0	69	69.0	69	Yes	-	Yes	No
P	I	2	P2-30_R01	14	R	70	0	69	68.9	69	Yes	-	Yes	No
P	I	2	P2-30_R01	15	R	70	0	69	68.8	69	Yes	-	Yes	No
P	I	2	P2-30_R01	16	R	70	0	69	68.8	69	Yes	-	Yes	No
P	I	2	P2-30_R01	17	R	70	0	69	68.7	69	Yes	-	Yes	No
P	I	2	P2-30_R01	18	R	70	0	69	68.6	69	Yes	-	Yes	No
P	I	2	P2-30_R01	19	R	70	0	69	68.5	69	Yes	-	Yes	No
P	I	2	P2-30_R01	20	R	70	0	69	68.5	69	Yes	-	Yes	No
P	I	2	P2-30_R01	21	R	70	0	68	68.3	68	Yes	-	Yes	No
P	I	2	P2-30_R01	22	R	70	0	68	68.3	68	Yes	-	Yes	No
P	I	2	P2-30_R01	23	R	70	0	68	68.2	68	Yes	-	Yes	No
P	I	2	P2-30_R01	24	R	70	0	68	68.1	68	Yes	-	Yes	No
P	I	2	P2-30_R01	25	R	70	0	68	68.1	68	Yes	-	Yes	No
P	I	2	P2-30_R01	26	R	70	0	68	68.0	68	Yes	-	Yes	No
P	I	2	P2-30_R01	27	R	70	0	68	67.9	68	Yes	-	Yes	No
P	I	2	P2-30_R01	28	R	70	0	68	67.9	68	Yes	-	Yes	No
P	I	2	P2-30_R01	29	R	70	0	68	67.8	68	Yes	-	Yes	No
P	I	2	P2-30_R01	30	R	70	0	68	67.7	68	Yes	-	Yes	No
P	I	2	P2-30_R01	31	R	70	0	68	67.7	68	Yes	-	Yes	No
P	I	2	P2-30_R01	32	R	70	0	68	67.6	68	Yes	-	Yes	No
P	I	2	P2-30_R01	33	R	70	0	68	67.6	68	Yes	-	Yes	No
P	I	2	P2-30_R11	1	R	70	0	51	50.7	51	Yes	-	Yes	No
P	I	2	P2-30_R11	2	R	70	0	56	56.1	56	Yes	-	Yes	No
P	I	2	P2-30_R11	3	R	70	0	58	57.9	58	Yes	-	Yes	No
P	I	2	P2-30_R11	4	R	70	0	59	59.4	59	Yes	-	Yes	No
P	I	2	P2-30_R11	5	R	70	0	61	61.4	61	Yes	-	Yes	No
P	I	2	P2-30_R11	6	R	70	0	63	63.3	63	Yes	-	Yes	No
P	I	2	P2-30_R11	7	R	70	0	64	64.1	64	Yes	-	Yes	No
P	I	2	P2-30_R11	8	R	70	0	64	64.3	64	Yes	-	Yes	No
P	I	2	P2-30_R11	9	R	70	0	64	64.3	64	Yes	-	Yes	No
P	I	2	P2-30_R11	10	R	70	0	64	64.4	64	Yes	-	Yes	No
P	I	2	P2-30_R11	11	R	70	0	64	64.4	64	Yes	-	Yes	No
P	I	2	P2-30_R11	12	R	70	0	64	64.3	64	Yes	-	Yes	No
P	I	2	P2-30_R11	13	R	70	0	64	64.2	64	Yes	-	Yes	No
P	I	2	P2-30_R11	14	R	70	0	64	64.1	64	Yes	-	Yes	No
P	I	2	P2-30_R11	15	R	70	0	64	64.0	64	Yes	-	Yes	No
P	I	2	P2-30_R11	16	R	70	0	64	63.9	64	Yes	-	Yes	No
P	I	2	P2-30_R11	17	R	70	0	64	63.8	64	Yes	-	Yes	No
P	I	2	P2-30_R11	18	R	70	0	64	63.7	64	Yes	-	Yes	No
P	I	2	P2-30_R11	19	R	70	0	64	63.7	64	Yes	-	Yes	No
P	I	2	P2-30_R11	20	R	70	0	64	63.5	64	Yes	-	Yes	No
P	I	2	P2-30_R11	21	R	70	0	63	63.4	63	Yes	-	Yes	No
P	I	2	P2-30_R11	22	R	70	0	63	63.3	63	Yes	-	Yes	No
P	I	2	P2-30_R11	23	R	70	0	63	63.3	63	Yes	-	Yes	No
P	I	2	P2-30_R11	24	R	70	0	63	63.2	63	Yes	-	Yes	No
P	I	2	P2-30_R11	25	R	70	0	63	63.1	63	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-30_R11	26	R	70	0	63	63.0	63	Yes	-	Yes	No
P	I	2	P2-30_R11	27	R	70	0	63	62.9	63	Yes	-	Yes	No
P	I	2	P2-30_R11	28	R	70	0	63	62.9	63	Yes	-	Yes	No
P	I	2	P2-30_R11	29	R	70	0	63	62.8	63	Yes	-	Yes	No
P	I	2	P2-30_R11	30	R	70	0	63	62.7	63	Yes	-	Yes	No
P	I	2	P2-30_R11	31	R	70	0	63	62.6	63	Yes	-	Yes	No
P	I	2	P2-30_R11	32	R	70	0	63	62.6	63	Yes	-	Yes	No
P	I	2	P2-30_R11	33	R	70	0	63	62.5	63	Yes	-	Yes	No
P	I	2	P2-30_R21	1	R	70	0	48	47.5	48	Yes	-	Yes	No
P	I	2	P2-30_R21	2	R	70	0	52	51.7	52	Yes	-	Yes	No
P	I	2	P2-30_R21	3	R	70	0	54	53.5	54	Yes	-	Yes	No
P	I	2	P2-30_R21	4	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	2	P2-30_R21	5	R	70	0	59	58.5	59	Yes	-	Yes	No
P	I	2	P2-30_R21	6	R	70	0	60	60.0	60	Yes	-	Yes	No
P	I	2	P2-30_R21	7	R	70	0	61	60.7	61	Yes	-	Yes	No
P	I	2	P2-30_R21	8	R	70	0	61	61.0	61	Yes	-	Yes	No
P	I	2	P2-30_R21	9	R	70	0	61	61.2	61	Yes	-	Yes	No
P	I	2	P2-30_R21	10	R	70	0	61	61.2	61	Yes	-	Yes	No
P	I	2	P2-30_R21	11	R	70	0	61	61.2	61	Yes	-	Yes	No
P	I	2	P2-30_R21	12	R	70	0	61	61.2	61	Yes	-	Yes	No
P	I	2	P2-30_R21	13	R	70	0	61	61.2	61	Yes	-	Yes	No
P	I	2	P2-30_R21	14	R	70	0	61	61.1	61	Yes	-	Yes	No
P	I	2	P2-30_R21	15	R	70	0	61	61.0	61	Yes	-	Yes	No
P	I	2	P2-30_R21	16	R	70	0	61	60.9	61	Yes	-	Yes	No
P	I	2	P2-30_R21	17	R	70	0	61	60.8	61	Yes	-	Yes	No
P	I	2	P2-30_R21	18	R	70	0	61	60.8	61	Yes	-	Yes	No
P	I	2	P2-30_R21	19	R	70	0	61	60.7	61	Yes	-	Yes	No
P	I	2	P2-30_R21	20	R	70	0	61	60.6	61	Yes	-	Yes	No
P	I	2	P2-30_R21	21	R	70	0	61	60.5	61	Yes	-	Yes	No
P	I	2	P2-30_R21	22	R	70	0	60	60.4	60	Yes	-	Yes	No
P	I	2	P2-30_R21	23	R	70	0	60	60.3	60	Yes	-	Yes	No
P	I	2	P2-30_R21	24	R	70	0	60	60.2	60	Yes	-	Yes	No
P	I	2	P2-30_R21	25	R	70	0	60	60.1	60	Yes	-	Yes	No
P	I	2	P2-30_R21	26	R	70	0	60	60.1	60	Yes	-	Yes	No
P	I	2	P2-30_R21	27	R	70	0	60	60.0	60	Yes	-	Yes	No
P	I	2	P2-30_R21	28	R	70	0	60	59.9	60	Yes	-	Yes	No
P	I	2	P2-30_R21	29	R	70	0	60	59.8	60	Yes	-	Yes	No
P	I	2	P2-30_R21	30	R	70	0	60	59.8	60	Yes	-	Yes	No
P	I	2	P2-30_R21	31	R	70	0	60	59.7	60	Yes	-	Yes	No
P	I	2	P2-30_R21	32	R	70	0	60	59.6	60	Yes	-	Yes	No
P	I	2	P2-30_R21	33	R	70	0	60	59.5	60	Yes	-	Yes	No
P	I	2	P2-31_R01	1	R	70	43	64	20.9	64	Yes	-	Yes	No
P	I	2	P2-31_R01	2	R	70	43	64	20.8	64	Yes	-	Yes	No
P	I	2	P2-31_R01	3	R	70	43	64	20.4	64	Yes	-	Yes	No
P	I	2	P2-31_R01	4	R	70	43	64	20.2	64	Yes	-	Yes	No
P	I	2	P2-31_R01	5	R	70	43	64	20.1	64	Yes	-	Yes	No
P	I	2	P2-31_R01	6	R	70	43	63	19.9	63	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-31_R01	7	R	70	43	63	19.8	63	Yes	-	Yes	No
P	I	2	P2-31_R01	8	R	70	43	63	19.6	63	Yes	-	Yes	No
P	I	2	P2-31_R01	9	R	70	43	63	19.5	63	Yes	-	Yes	No
P	I	2	P2-31_R01	10	R	70	43	63	19.3	63	Yes	-	Yes	No
P	I	2	P2-31_R01	11	R	70	43	63	19.2	63	Yes	-	Yes	No
P	I	2	P2-31_R01	12	R	70	43	62	19.2	63	Yes	-	Yes	No
P	I	2	P2-31_R01	13	R	70	43	62	18.9	62	Yes	-	Yes	No
P	I	2	P2-31_R01	14	R	70	43	62	18.8	62	Yes	-	Yes	No
P	I	2	P2-31_R01	15	R	70	43	62	18.8	62	Yes	-	Yes	No
P	I	2	P2-31_R01	16	R	70	43	62	18.7	62	Yes	-	Yes	No
P	I	2	P2-31_R01	17	R	70	43	62	18.4	62	Yes	-	Yes	No
P	I	2	P2-31_R01	18	R	70	43	62	18.3	62	Yes	-	Yes	No
P	I	2	P2-31_R01	19	R	70	43	62	18.2	62	Yes	-	Yes	No
P	I	2	P2-31_R01	20	R	70	43	61	18.1	62	Yes	-	Yes	No
P	I	2	P2-31_R01	21	R	70	44	61	17.9	61	Yes	-	Yes	No
P	I	2	P2-31_R01	22	R	70	44	61	17.8	61	Yes	-	Yes	No
P	I	2	P2-31_R01	23	R	70	44	61	17.5	61	Yes	-	Yes	No
P	I	2	P2-31_R01	24	R	70	44	61	17.3	61	Yes	-	Yes	No
P	I	2	P2-31_R01	25	R	70	44	61	16.9	61	Yes	-	Yes	No
P	I	2	P2-31_R01	26	R	70	44	61	16.5	61	Yes	-	Yes	No
P	I	2	P2-31_R01	27	R	70	45	61	16.0	61	Yes	-	Yes	No
P	I	2	P2-31_R01	28	R	70	45	61	15.6	61	Yes	-	Yes	No
P	I	2	P2-31_R01	29	R	70	45	61	15.3	61	Yes	-	Yes	No
P	I	2	P2-31_R01	30	R	70	46	60	14.9	61	Yes	-	Yes	No
P	I	2	P2-31_R11	1	R	70	13	66	52.6	66	Yes	-	Yes	No
P	I	2	P2-31_R11	2	R	70	13	66	53.0	66	Yes	-	Yes	No
P	I	2	P2-31_R11	3	R	70	13	66	53.2	66	Yes	-	Yes	No
P	I	2	P2-31_R11	4	R	70	13	66	53.1	66	Yes	-	Yes	No
P	I	2	P2-31_R11	5	R	70	13	66	53.0	66	Yes	-	Yes	No
P	I	2	P2-31_R11	6	R	70	13	66	53.0	66	Yes	-	Yes	No
P	I	2	P2-31_R11	7	R	70	13	66	52.8	66	Yes	-	Yes	No
P	I	2	P2-31_R11	8	R	70	13	66	52.7	66	Yes	-	Yes	No
P	I	2	P2-31_R11	9	R	70	13	66	52.6	66	Yes	-	Yes	No
P	I	2	P2-31_R11	10	R	70	13	66	52.4	66	Yes	-	Yes	No
P	I	2	P2-31_R11	11	R	70	13	66	52.3	66	Yes	-	Yes	No
P	I	2	P2-31_R11	12	R	70	13	66	52.2	66	Yes	-	Yes	No
P	I	2	P2-31_R11	13	R	70	13	65	52.1	65	Yes	-	Yes	No
P	I	2	P2-31_R11	14	R	70	13	65	51.9	65	Yes	-	Yes	No
P	I	2	P2-31_R11	15	R	70	13	65	51.9	65	Yes	-	Yes	No
P	I	2	P2-31_R11	16	R	70	13	65	51.8	65	Yes	-	Yes	No
P	I	2	P2-31_R11	17	R	70	13	65	51.7	65	Yes	-	Yes	No
P	I	2	P2-31_R11	18	R	70	13	65	51.6	65	Yes	-	Yes	No
P	I	2	P2-31_R11	19	R	70	13	65	51.5	65	Yes	-	Yes	No
P	I	2	P2-31_R11	20	R	70	13	65	51.4	65	Yes	-	Yes	No
P	I	2	P2-31_R11	21	R	70	13	65	51.3	65	Yes	-	Yes	No
P	I	2	P2-31_R11	22	R	70	13	65	51.2	65	Yes	-	Yes	No
P	I	2	P2-31_R11	23	R	70	13	64	51.1	64	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-31_R11	24	R	70	13	64	51.0	64	Yes	-	Yes	No
P	I	2	P2-31_R11	25	R	70	13	64	50.9	64	Yes	-	Yes	No
P	I	2	P2-31_R11	26	R	70	13	64	51.0	64	Yes	-	Yes	No
P	I	2	P2-31_R11	27	R	70	14	64	50.4	64	Yes	-	Yes	No
P	I	2	P2-31_R11	28	R	70	15	64	49.4	64	Yes	-	Yes	No
P	I	2	P2-31_R11	29	R	70	16	64	48.2	64	Yes	-	Yes	No
P	I	2	P2-31_R11	30	R	70	17	64	46.8	64	Yes	-	Yes	No
P	I	2	P2-31_R12	1	R	70	0	67	66.6	67	Yes	-	Yes	No
P	I	2	P2-31_R12	2	R	70	0	67	67.4	67	Yes	-	Yes	No
P	I	2	P2-31_R12	3	R	70	0	68	67.7	68	Yes	-	Yes	No
P	I	2	P2-31_R12	4	R	70	0	68	67.7	68	Yes	-	Yes	No
P	I	2	P2-31_R12	5	R	70	0	68	67.6	68	Yes	-	Yes	No
P	I	2	P2-31_R12	6	R	70	0	68	67.6	68	Yes	-	Yes	No
P	I	2	P2-31_R12	7	R	70	0	68	67.5	68	Yes	-	Yes	No
P	I	2	P2-31_R12	8	R	70	0	67	67.4	67	Yes	-	Yes	No
P	I	2	P2-31_R12	9	R	70	0	67	67.3	67	Yes	-	Yes	No
P	I	2	P2-31_R12	10	R	70	0	67	67.2	67	Yes	-	Yes	No
P	I	2	P2-31_R12	11	R	70	0	67	67.1	67	Yes	-	Yes	No
P	I	2	P2-31_R12	12	R	70	0	67	67.0	67	Yes	-	Yes	No
P	I	2	P2-31_R12	13	R	70	0	67	66.9	67	Yes	-	Yes	No
P	I	2	P2-31_R12	14	R	70	0	67	66.8	67	Yes	-	Yes	No
P	I	2	P2-31_R12	15	R	70	0	67	66.7	67	Yes	-	Yes	No
P	I	2	P2-31_R12	16	R	70	0	67	66.6	67	Yes	-	Yes	No
P	I	2	P2-31_R12	17	R	70	0	67	66.5	67	Yes	-	Yes	No
P	I	2	P2-31_R12	18	R	70	0	66	66.4	66	Yes	-	Yes	No
P	I	2	P2-31_R12	19	R	70	0	66	66.3	66	Yes	-	Yes	No
P	I	2	P2-31_R12	20	R	70	0	66	66.2	66	Yes	-	Yes	No
P	I	2	P2-31_R12	21	R	70	0	66	66.1	66	Yes	-	Yes	No
P	I	2	P2-31_R12	22	R	70	0	66	66.0	66	Yes	-	Yes	No
P	I	2	P2-31_R12	23	R	70	0	66	65.9	66	Yes	-	Yes	No
P	I	2	P2-31_R12	24	R	70	0	66	65.8	66	Yes	-	Yes	No
P	I	2	P2-31_R12	25	R	70	0	66	65.7	66	Yes	-	Yes	No
P	I	2	P2-31_R12	26	R	70	0	66	65.6	66	Yes	-	Yes	No
P	I	2	P2-31_R12	27	R	70	0	66	65.5	66	Yes	-	Yes	No
P	I	2	P2-31_R12	28	R	70	0	65	65.4	65	Yes	-	Yes	No
P	I	2	P2-31_R12	29	R	70	0	65	65.4	65	Yes	-	Yes	No
P	I	2	P2-31_R12	30	R	70	0	65	65.3	65	Yes	-	Yes	No
P	I	2	P2-31_R21	1	R	70	9	65	56.1	65	Yes	-	Yes	No
P	I	2	P2-31_R21	2	R	70	9	66	57.4	66	Yes	-	Yes	No
P	I	2	P2-31_R21	3	R	70	9	67	57.8	67	Yes	-	Yes	No
P	I	2	P2-31_R21	4	R	70	9	67	57.9	67	Yes	-	Yes	No
P	I	2	P2-31_R21	5	R	70	9	67	57.8	67	Yes	-	Yes	No
P	I	2	P2-31_R21	6	R	70	9	67	57.8	67	Yes	-	Yes	No
P	I	2	P2-31_R21	7	R	70	9	67	57.7	67	Yes	-	Yes	No
P	I	2	P2-31_R21	8	R	70	9	66	57.6	66	Yes	-	Yes	No
P	I	2	P2-31_R21	9	R	70	9	66	57.5	66	Yes	-	Yes	No
P	I	2	P2-31_R21	10	R	70	9	66	57.5	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	2	P2-31_R21	11	R	70	9	66	57.4	66	Yes	-	Yes	No
P	I	2	P2-31_R21	12	R	70	9	66	57.4	66	Yes	-	Yes	No
P	I	2	P2-31_R21	13	R	70	9	66	57.3	66	Yes	-	Yes	No
P	I	2	P2-31_R21	14	R	70	9	66	57.2	66	Yes	-	Yes	No
P	I	2	P2-31_R21	15	R	70	9	66	57.1	66	Yes	-	Yes	No
P	I	2	P2-31_R21	16	R	70	9	66	57.0	66	Yes	-	Yes	No
P	I	2	P2-31_R21	17	R	70	9	66	57.0	66	Yes	-	Yes	No
P	I	2	P2-31_R21	18	R	70	9	66	56.9	66	Yes	-	Yes	No
P	I	2	P2-31_R21	19	R	70	9	66	56.9	66	Yes	-	Yes	No
P	I	2	P2-31_R21	20	R	70	9	65	56.8	65	Yes	-	Yes	No
P	I	2	P2-31_R21	21	R	70	9	65	56.7	65	Yes	-	Yes	No
P	I	2	P2-31_R21	22	R	70	9	65	56.6	65	Yes	-	Yes	No
P	I	2	P2-31_R21	23	R	70	9	65	56.6	65	Yes	-	Yes	No
P	I	2	P2-31_R21	24	R	70	9	65	56.6	65	Yes	-	Yes	No
P	I	2	P2-31_R21	25	R	70	9	65	56.5	65	Yes	-	Yes	No
P	I	2	P2-31_R21	26	R	70	9	65	56.4	65	Yes	-	Yes	No
P	I	2	P2-31_R21	27	R	70	9	65	56.3	65	Yes	-	Yes	No
P	I	2	P2-31_R21	28	R	70	9	65	56.3	65	Yes	-	Yes	No
P	I	2	P2-31_R21	29	R	70	9	65	56.2	65	Yes	-	Yes	No
P	I	2	P2-31_R21	30	R	70	8	65	56.2	65	Yes	-	Yes	No
P	I	4	P4-01_R01	1	R	70	59	67	8.9	68	Yes	-	Yes	No
P	I	4	P4-01_R01	2	R	70	60	69	9.4	69	Yes	-	Yes	No
P	I	4	P4-01_R01	3	R	70	61	69	9.2	70	Yes	-	Yes	No
P	I	4	P4-01_R01	4	R	70	62	70	8.7	71	Yes	-	No	Yes
P	I	4	P4-01_R01	5	R	70	62	70	8.6	71	Yes	-	No	Yes
P	I	4	P4-01_R01	6	R	70	63	71	8.6	71	No	-	No	Yes
P	I	4	P4-01_R01	7	R	70	63	71	8.4	72	No	-	No	Yes
P	I	4	P4-01_R01	8	R	70	64	71	8.1	72	No	-	No	Yes
P	I	4	P4-01_R01	9	R	70	64	71	7.8	72	No	-	No	Yes
P	I	4	P4-01_R01	10	R	70	64	71	7.4	72	No	-	No	Yes
P	I	4	P4-01_R01	11	R	70	65	71	7.0	72	No	-	No	Yes
P	I	4	P4-01_R01	12	R	70	65	71	6.5	72	No	-	No	Yes
P	I	4	P4-01_R01	13	R	70	66	70	6.0	72	Yes	-	No	Yes
P	I	4	P4-01_R01	14	R	70	66	70	5.5	72	Yes	-	No	Yes
P	I	4	P4-01_R01	15	R	70	67	70	5.1	72	Yes	-	No	Yes
P	I	4	P4-01_R01	16	R	70	67	70	4.6	72	Yes	-	No	Yes
P	I	4	P4-01_R01	17	R	70	68	70	4.2	72	Yes	-	No	Yes
P	I	4	P4-01_R01	18	R	70	69	70	3.7	72	Yes	-	No	Yes
P	I	4	P4-01_R01	19	R	70	69	70	3.3	72	Yes	-	No	Yes
P	I	4	P4-01_R01	20	R	70	70	70	3.0	73	Yes	-	No	Yes
P	I	4	P4-01_R01	21	R	70	70	70	2.8	73	Yes	-	No	Yes
P	I	4	P4-01_R01	22	R	70	70	70	2.7	73	Yes	-	No	Yes
P	I	4	P4-01_R01	23	R	70	70	69	2.6	73	Yes	-	No	Yes
P	I	4	P4-01_R01	24	R	70	70	69	2.5	73	Yes	-	No	Yes
P	I	4	P4-01_R01	25	R	70	71	69	2.4	73	Yes	-	No	Yes
P	I	4	P4-01_R02	1	R	70	57	75	17.6	75	No	-	No	Yes
P	I	4	P4-01_R02	2	R	70	58	75	16.3	75	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-01_R02	3	R	70	59	74	15.2	74	No	-	No	Yes
P	I	4	P4-01_R02	4	R	70	60	74	14.3	74	No	-	No	Yes
P	I	4	P4-01_R02	5	R	70	60	74	13.7	74	No	-	No	Yes
P	I	4	P4-01_R02	6	R	70	60	73	13.2	74	No	-	No	Yes
P	I	4	P4-01_R02	7	R	70	61	73	12.6	73	No	-	No	Yes
P	I	4	P4-01_R02	8	R	70	61	73	12.2	73	No	-	No	Yes
P	I	4	P4-01_R02	9	R	70	61	73	11.6	73	No	-	No	Yes
P	I	4	P4-01_R02	10	R	70	62	72	11.0	73	No	-	No	Yes
P	I	4	P4-01_R02	11	R	70	62	72	10.5	73	No	-	No	Yes
P	I	4	P4-01_R02	12	R	70	63	72	9.9	73	No	-	No	Yes
P	I	4	P4-01_R02	13	R	70	63	72	9.3	72	No	-	No	Yes
P	I	4	P4-01_R02	14	R	70	64	72	8.6	72	No	-	No	Yes
P	I	4	P4-01_R02	15	R	70	64	72	8.0	72	No	-	No	Yes
P	I	4	P4-01_R02	16	R	70	65	71	7.5	72	No	-	No	Yes
P	I	4	P4-01_R02	17	R	70	65	71	6.9	72	No	-	No	Yes
P	I	4	P4-01_R02	18	R	70	66	71	6.2	72	No	-	No	Yes
P	I	4	P4-01_R02	19	R	70	66	71	5.8	72	No	-	No	Yes
P	I	4	P4-01_R02	20	R	70	67	71	5.4	72	No	-	No	Yes
P	I	4	P4-01_R02	21	R	70	67	71	5.0	72	No	-	No	Yes
P	I	4	P4-01_R02	22	R	70	68	71	4.7	72	No	-	No	Yes
P	I	4	P4-01_R02	23	R	70	68	70	4.4	72	Yes	-	No	Yes
P	I	4	P4-01_R02	24	R	70	68	70	4.2	72	Yes	-	No	Yes
P	I	4	P4-01_R02	25	R	70	68	70	4.0	72	Yes	-	No	Yes
P	I	4	P4-01_R03	1	R	70	51	70	19.5	70	Yes	-	Yes	No
P	I	4	P4-01_R03	2	R	70	53	71	18.6	71	No	-	No	Yes
P	I	4	P4-01_R03	3	R	70	54	71	16.9	71	No	-	No	Yes
P	I	4	P4-01_R03	4	R	70	55	71	15.6	71	No	-	No	Yes
P	I	4	P4-01_R03	5	R	70	56	71	14.9	71	No	-	No	Yes
P	I	4	P4-01_R03	6	R	70	56	71	14.3	71	No	-	No	Yes
P	I	4	P4-01_R03	7	R	70	56	70	14.0	70	Yes	-	Yes	No
P	I	4	P4-01_R03	8	R	70	57	70	13.6	70	Yes	-	Yes	No
P	I	4	P4-01_R03	9	R	70	57	70	13.4	70	Yes	-	Yes	No
P	I	4	P4-01_R03	10	R	70	57	70	13.1	70	Yes	-	Yes	No
P	I	4	P4-01_R03	11	R	70	57	69	12.9	70	Yes	-	Yes	No
P	I	4	P4-01_R03	12	R	70	57	69	12.6	69	Yes	-	Yes	No
P	I	4	P4-01_R03	13	R	70	57	69	12.4	69	Yes	-	Yes	No
P	I	4	P4-01_R03	14	R	70	57	69	12.1	69	Yes	-	Yes	No
P	I	4	P4-01_R03	15	R	70	57	69	11.9	69	Yes	-	Yes	No
P	I	4	P4-01_R03	16	R	70	57	68	11.6	69	Yes	-	Yes	No
P	I	4	P4-01_R03	17	R	70	57	68	11.3	69	Yes	-	Yes	No
P	I	4	P4-01_R03	18	R	70	58	68	11.0	69	Yes	-	Yes	No
P	I	4	P4-01_R03	19	R	70	58	68	10.8	68	Yes	-	Yes	No
P	I	4	P4-01_R03	20	R	70	58	68	10.6	68	Yes	-	Yes	No
P	I	4	P4-01_R03	21	R	70	58	68	10.4	68	Yes	-	Yes	No
P	I	4	P4-01_R03	22	R	70	58	68	10.2	68	Yes	-	Yes	No
P	I	4	P4-01_R03	23	R	70	58	67	10.0	68	Yes	-	Yes	No
P	I	4	P4-01_R03	24	R	70	58	67	9.9	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-01_R03	25	R	70	58	67	9.6	68	Yes	-	Yes	No
P	I	4	P4-01_R04	1	R	70	56	65	9.7	66	Yes	-	Yes	No
P	I	4	P4-01_R04	2	R	70	57	66	9.7	66	Yes	-	Yes	No
P	I	4	P4-01_R04	3	R	70	58	66	8.9	67	Yes	-	Yes	No
P	I	4	P4-01_R04	4	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-01_R04	5	R	70	60	66	7.2	67	Yes	-	Yes	No
P	I	4	P4-01_R04	6	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-01_R04	7	R	70	61	66	6.8	67	Yes	-	Yes	No
P	I	4	P4-01_R04	8	R	70	61	67	6.7	68	Yes	-	Yes	No
P	I	4	P4-01_R04	9	R	70	61	67	6.5	68	Yes	-	Yes	No
P	I	4	P4-01_R04	10	R	70	62	67	6.2	68	Yes	-	Yes	No
P	I	4	P4-01_R04	11	R	70	62	67	5.9	68	Yes	-	Yes	No
P	I	4	P4-01_R04	12	R	70	63	67	5.5	68	Yes	-	Yes	No
P	I	4	P4-01_R04	13	R	70	63	67	5.1	68	Yes	-	Yes	No
P	I	4	P4-01_R04	14	R	70	64	67	4.8	68	Yes	-	Yes	No
P	I	4	P4-01_R04	15	R	70	64	67	4.4	69	Yes	-	Yes	No
P	I	4	P4-01_R04	16	R	70	65	67	4.0	69	Yes	-	Yes	No
P	I	4	P4-01_R04	17	R	70	65	66	3.7	69	Yes	-	Yes	No
P	I	4	P4-01_R04	18	R	70	66	66	3.4	69	Yes	-	Yes	No
P	I	4	P4-01_R04	19	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-01_R04	20	R	70	67	66	2.8	70	Yes	-	Yes	No
P	I	4	P4-01_R04	21	R	70	67	66	2.6	70	Yes	-	Yes	No
P	I	4	P4-01_R04	22	R	70	67	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-01_R04	23	R	70	68	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-01_R04	24	R	70	68	66	2.1	70	Yes	-	Yes	No
P	I	4	P4-01_R04	25	R	70	68	66	2.0	70	Yes	-	Yes	No
P	I	4	P4-01_R11	1	R	70	58	67	9.2	68	Yes	-	Yes	No
P	I	4	P4-01_R11	2	R	70	59	67	8.7	68	Yes	-	Yes	No
P	I	4	P4-01_R11	3	R	70	61	68	7.8	68	Yes	-	Yes	No
P	I	4	P4-01_R11	4	R	70	62	68	7.0	69	Yes	-	Yes	No
P	I	4	P4-01_R11	5	R	70	62	68	6.6	69	Yes	-	Yes	No
P	I	4	P4-01_R11	6	R	70	63	68	6.5	69	Yes	-	Yes	No
P	I	4	P4-01_R11	7	R	70	63	68	6.4	70	Yes	-	Yes	No
P	I	4	P4-01_R11	8	R	70	64	69	6.3	70	Yes	-	Yes	No
P	I	4	P4-01_R11	9	R	70	64	69	6.0	70	Yes	-	Yes	No
P	I	4	P4-01_R11	10	R	70	65	69	5.8	70	Yes	-	Yes	No
P	I	4	P4-01_R11	11	R	70	65	69	5.4	70	Yes	-	Yes	No
P	I	4	P4-01_R11	12	R	70	65	69	5.1	71	Yes	-	No	Yes
P	I	4	P4-01_R11	13	R	70	66	69	4.7	71	Yes	-	No	Yes
P	I	4	P4-01_R11	14	R	70	66	69	4.4	71	Yes	-	No	Yes
P	I	4	P4-01_R11	15	R	70	67	69	4.0	71	Yes	-	No	Yes
P	I	4	P4-01_R11	16	R	70	68	69	3.6	71	Yes	-	No	Yes
P	I	4	P4-01_R11	17	R	70	68	69	3.3	71	Yes	-	No	Yes
P	I	4	P4-01_R11	18	R	70	69	69	3.0	72	Yes	-	No	Yes
P	I	4	P4-01_R11	19	R	70	69	69	2.7	72	Yes	-	No	Yes
P	I	4	P4-01_R11	20	R	70	70	69	2.5	72	Yes	-	No	Yes
P	I	4	P4-01_R11	21	R	70	70	69	2.4	72	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-01_R11	22	R	70	70	69	2.2	72	Yes	-	No	Yes
P	I	4	P4-01_R11	23	R	70	70	69	2.2	73	Yes	-	No	Yes
P	I	4	P4-01_R11	24	R	70	70	68	2.2	73	Yes	-	No	Yes
P	I	4	P4-01_R11	25	R	70	71	68	2.1	73	Yes	-	No	Yes
P	I	4	P4-01_R12	1	R	70	54	63	9.6	64	Yes	-	Yes	No
P	I	4	P4-01_R12	2	R	70	55	64	10.0	65	Yes	-	Yes	No
P	I	4	P4-01_R12	3	R	70	55	65	10.3	65	Yes	-	Yes	No
P	I	4	P4-01_R12	4	R	70	55	65	10.2	66	Yes	-	Yes	No
P	I	4	P4-01_R12	5	R	70	56	65	9.8	66	Yes	-	Yes	No
P	I	4	P4-01_R12	6	R	70	56	65	9.4	66	Yes	-	Yes	No
P	I	4	P4-01_R12	7	R	70	57	65	9.0	66	Yes	-	Yes	No
P	I	4	P4-01_R12	8	R	70	57	65	8.5	66	Yes	-	Yes	No
P	I	4	P4-01_R12	9	R	70	58	65	7.9	66	Yes	-	Yes	No
P	I	4	P4-01_R12	10	R	70	58	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-01_R12	11	R	70	59	65	7.0	66	Yes	-	Yes	No
P	I	4	P4-01_R12	12	R	70	59	65	6.6	66	Yes	-	Yes	No
P	I	4	P4-01_R12	13	R	70	60	65	6.1	66	Yes	-	Yes	No
P	I	4	P4-01_R12	14	R	70	61	65	5.6	66	Yes	-	Yes	No
P	I	4	P4-01_R12	15	R	70	61	65	5.0	66	Yes	-	Yes	No
P	I	4	P4-01_R12	16	R	70	62	65	4.5	67	Yes	-	Yes	No
P	I	4	P4-01_R12	17	R	70	63	65	4.0	67	Yes	-	Yes	No
P	I	4	P4-01_R12	18	R	70	64	65	3.5	67	Yes	-	Yes	No
P	I	4	P4-01_R12	19	R	70	64	64	3.2	67	Yes	-	Yes	No
P	I	4	P4-01_R12	20	R	70	65	64	2.8	68	Yes	-	Yes	No
P	I	4	P4-01_R12	21	R	70	66	64	2.4	68	Yes	-	Yes	No
P	I	4	P4-01_R12	22	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-01_R12	23	R	70	67	64	2.0	69	Yes	-	Yes	No
P	I	4	P4-01_R12	24	R	70	67	64	1.9	69	Yes	-	Yes	No
P	I	4	P4-01_R12	25	R	70	67	64	1.7	69	Yes	-	Yes	No
P	I	4	P4-01_R13	1	R	70	54	64	9.8	64	Yes	-	Yes	No
P	I	4	P4-01_R13	2	R	70	56	64	8.5	64	Yes	-	Yes	No
P	I	4	P4-01_R13	3	R	70	58	64	6.4	65	Yes	-	Yes	No
P	I	4	P4-01_R13	4	R	70	60	64	5.5	65	Yes	-	Yes	No
P	I	4	P4-01_R13	5	R	70	60	64	5.4	66	Yes	-	Yes	No
P	I	4	P4-01_R13	6	R	70	61	65	5.6	66	Yes	-	Yes	No
P	I	4	P4-01_R13	7	R	70	61	65	5.8	67	Yes	-	Yes	No
P	I	4	P4-01_R13	8	R	70	61	66	6.2	67	Yes	-	Yes	No
P	I	4	P4-01_R13	9	R	70	61	67	6.3	68	Yes	-	Yes	No
P	I	4	P4-01_R13	10	R	70	62	67	6.1	68	Yes	-	Yes	No
P	I	4	P4-01_R13	11	R	70	62	67	5.8	68	Yes	-	Yes	No
P	I	4	P4-01_R13	12	R	70	63	67	5.4	68	Yes	-	Yes	No
P	I	4	P4-01_R13	13	R	70	63	67	5.0	68	Yes	-	Yes	No
P	I	4	P4-01_R13	14	R	70	64	67	4.8	69	Yes	-	Yes	No
P	I	4	P4-01_R13	15	R	70	64	67	4.3	69	Yes	-	Yes	No
P	I	4	P4-01_R13	16	R	70	65	67	3.9	69	Yes	-	Yes	No
P	I	4	P4-01_R13	17	R	70	65	67	3.6	69	Yes	-	Yes	No
P	I	4	P4-01_R13	18	R	70	66	66	3.4	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-01_R13	19	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-01_R13	20	R	70	67	66	2.7	70	Yes	-	Yes	No
P	I	4	P4-01_R13	21	R	70	67	66	2.5	70	Yes	-	Yes	No
P	I	4	P4-01_R13	22	R	70	68	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-01_R13	23	R	70	68	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-01_R13	24	R	70	68	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-01_R13	25	R	70	68	66	2.1	70	Yes	-	Yes	No
P	I	4	P4-03_R01	1	R	70	47	76	28.6	76	No	-	No	Yes
P	I	4	P4-03_R01	2	R	70	47	76	28.4	76	No	-	No	Yes
P	I	4	P4-03_R01	3	R	70	47	75	28.0	75	No	-	No	Yes
P	I	4	P4-03_R01	4	R	70	48	75	27.5	75	No	-	No	Yes
P	I	4	P4-03_R01	5	R	70	48	75	26.9	75	No	-	No	Yes
P	I	4	P4-03_R01	6	R	70	48	74	26.4	74	No	-	No	Yes
P	I	4	P4-03_R01	7	R	70	48	74	25.9	74	No	-	No	Yes
P	I	4	P4-03_R01	8	R	70	48	74	25.2	74	No	-	No	Yes
P	I	4	P4-03_R01	9	R	70	48	73	24.8	73	No	-	No	Yes
P	I	4	P4-03_R01	10	R	70	49	73	24.2	73	No	-	No	Yes
P	I	4	P4-03_R01	11	R	70	49	73	23.8	73	No	-	No	Yes
P	I	4	P4-03_R01	12	R	70	49	72	23.2	72	No	-	No	Yes
P	I	4	P4-03_R01	13	R	70	49	72	22.7	72	No	-	No	Yes
P	I	4	P4-03_R01	14	R	70	50	72	22.3	72	No	-	No	Yes
P	I	4	P4-03_R01	15	R	70	50	72	21.8	72	No	-	No	Yes
P	I	4	P4-03_R01	16	R	70	50	71	21.3	71	No	-	No	Yes
P	I	4	P4-03_R01	17	R	70	50	71	20.7	71	No	-	No	Yes
P	I	4	P4-03_R01	18	R	70	51	71	20.3	71	No	-	No	Yes
P	I	4	P4-03_R01	19	R	70	51	71	19.7	71	No	-	No	Yes
P	I	4	P4-03_R01	20	R	70	51	71	19.2	71	No	-	No	Yes
P	I	4	P4-03_R01	21	R	70	52	70	18.6	70	Yes	-	Yes	No
P	I	4	P4-03_R01	22	R	70	52	70	17.9	70	Yes	-	Yes	No
P	I	4	P4-03_R01	23	R	70	53	70	17.0	70	Yes	-	Yes	No
P	I	4	P4-03_R01	24	R	70	54	70	15.5	70	Yes	-	Yes	No
P	I	4	P4-03_R01	25	R	70	57	70	13.0	70	Yes	-	Yes	No
P	I	4	P4-03_R01	26	R	70	58	70	12.0	70	Yes	-	Yes	No
P	I	4	P4-03_R02	1	R	70	48	69	20.5	69	Yes	-	Yes	No
P	I	4	P4-03_R02	2	R	70	49	69	20.0	69	Yes	-	Yes	No
P	I	4	P4-03_R02	3	R	70	49	69	19.8	69	Yes	-	Yes	No
P	I	4	P4-03_R02	4	R	70	50	69	19.2	69	Yes	-	Yes	No
P	I	4	P4-03_R02	5	R	70	50	69	18.6	69	Yes	-	Yes	No
P	I	4	P4-03_R02	6	R	70	51	69	18.0	69	Yes	-	Yes	No
P	I	4	P4-03_R02	7	R	70	52	69	16.9	69	Yes	-	Yes	No
P	I	4	P4-03_R02	8	R	70	53	69	15.4	69	Yes	-	Yes	No
P	I	4	P4-03_R02	9	R	70	54	69	14.2	69	Yes	-	Yes	No
P	I	4	P4-03_R02	10	R	70	55	68	13.6	69	Yes	-	Yes	No
P	I	4	P4-03_R02	11	R	70	56	68	13.1	69	Yes	-	Yes	No
P	I	4	P4-03_R02	12	R	70	56	68	12.8	69	Yes	-	Yes	No
P	I	4	P4-03_R02	13	R	70	56	68	12.6	69	Yes	-	Yes	No
P	I	4	P4-03_R02	14	R	70	56	68	12.3	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-03_R02	15	R	70	56	68	12.0	68	Yes	-	Yes	No
P	I	4	P4-03_R02	16	R	70	57	68	11.8	68	Yes	-	Yes	No
P	I	4	P4-03_R02	17	R	70	57	68	11.6	68	Yes	-	Yes	No
P	I	4	P4-03_R02	18	R	70	57	68	11.3	68	Yes	-	Yes	No
P	I	4	P4-03_R02	19	R	70	57	68	11.0	68	Yes	-	Yes	No
P	I	4	P4-03_R02	20	R	70	57	68	10.8	68	Yes	-	Yes	No
P	I	4	P4-03_R02	21	R	70	57	67	10.5	68	Yes	-	Yes	No
P	I	4	P4-03_R02	22	R	70	58	67	10.3	68	Yes	-	Yes	No
P	I	4	P4-03_R02	23	R	70	58	67	9.9	68	Yes	-	Yes	No
P	I	4	P4-03_R02	24	R	70	58	67	9.5	68	Yes	-	Yes	No
P	I	4	P4-03_R02	25	R	70	58	67	9.2	68	Yes	-	Yes	No
P	I	4	P4-03_R02	26	R	70	59	67	8.7	68	Yes	-	Yes	No
P	I	4	P4-03_R11	1	R	70	45	61	15.3	61	Yes	-	Yes	No
P	I	4	P4-03_R11	2	R	70	46	61	14.9	61	Yes	-	Yes	No
P	I	4	P4-03_R11	3	R	70	46	61	14.4	61	Yes	-	Yes	No
P	I	4	P4-03_R11	4	R	70	47	61	13.9	61	Yes	-	Yes	No
P	I	4	P4-03_R11	5	R	70	48	61	13.3	61	Yes	-	Yes	No
P	I	4	P4-03_R11	6	R	70	48	61	12.8	61	Yes	-	Yes	No
P	I	4	P4-03_R11	7	R	70	49	61	12.3	61	Yes	-	Yes	No
P	I	4	P4-03_R11	8	R	70	50	61	11.7	61	Yes	-	Yes	No
P	I	4	P4-03_R11	9	R	70	51	61	10.8	61	Yes	-	Yes	No
P	I	4	P4-03_R11	10	R	70	52	61	9.1	62	Yes	-	Yes	No
P	I	4	P4-03_R11	11	R	70	54	61	7.5	62	Yes	-	Yes	No
P	I	4	P4-03_R11	12	R	70	55	61	6.9	62	Yes	-	Yes	No
P	I	4	P4-03_R11	13	R	70	56	61	6.6	62	Yes	-	Yes	No
P	I	4	P4-03_R11	14	R	70	56	61	6.4	62	Yes	-	Yes	No
P	I	4	P4-03_R11	15	R	70	56	61	6.4	62	Yes	-	Yes	No
P	I	4	P4-03_R11	16	R	70	56	61	6.3	63	Yes	-	Yes	No
P	I	4	P4-03_R11	17	R	70	56	62	6.5	63	Yes	-	Yes	No
P	I	4	P4-03_R11	18	R	70	56	62	6.5	63	Yes	-	Yes	No
P	I	4	P4-03_R11	19	R	70	56	62	6.6	63	Yes	-	Yes	No
P	I	4	P4-03_R11	20	R	70	56	62	6.8	63	Yes	-	Yes	No
P	I	4	P4-03_R11	21	R	70	57	63	7.0	64	Yes	-	Yes	No
P	I	4	P4-03_R11	22	R	70	57	63	7.2	64	Yes	-	Yes	No
P	I	4	P4-03_R11	23	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-03_R11	24	R	70	57	63	7.4	64	Yes	-	Yes	No
P	I	4	P4-03_R11	25	R	70	57	63	7.4	64	Yes	-	Yes	No
P	I	4	P4-03_R11	26	R	70	57	64	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R01	1	R	70	47	56	9.5	56	Yes	-	Yes	No
P	I	4	P4-04_R01	2	R	70	47	56	8.8	56	Yes	-	Yes	No
P	I	4	P4-04_R01	3	R	70	48	56	8.1	56	Yes	-	Yes	No
P	I	4	P4-04_R01	4	R	70	49	56	7.4	57	Yes	-	Yes	No
P	I	4	P4-04_R01	5	R	70	50	56	6.8	57	Yes	-	Yes	No
P	I	4	P4-04_R01	6	R	70	51	56	6.3	57	Yes	-	Yes	No
P	I	4	P4-04_R01	7	R	70	52	56	5.7	57	Yes	-	Yes	No
P	I	4	P4-04_R01	8	R	70	54	56	4.6	58	Yes	-	Yes	No
P	I	4	P4-04_R01	9	R	70	55	57	3.7	59	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R01	10	R	70	56	58	3.9	60	Yes	-	Yes	No
P	I	4	P4-04_R01	11	R	70	56	59	4.5	61	Yes	-	Yes	No
P	I	4	P4-04_R01	12	R	70	56	60	5.1	61	Yes	-	Yes	No
P	I	4	P4-04_R01	13	R	70	56	61	5.6	62	Yes	-	Yes	No
P	I	4	P4-04_R01	14	R	70	57	61	5.8	62	Yes	-	Yes	No
P	I	4	P4-04_R01	15	R	70	57	62	6.1	63	Yes	-	Yes	No
P	I	4	P4-04_R01	16	R	70	57	62	6.2	63	Yes	-	Yes	No
P	I	4	P4-04_R01	17	R	70	57	62	6.3	64	Yes	-	Yes	No
P	I	4	P4-04_R01	18	R	70	57	63	6.3	64	Yes	-	Yes	No
P	I	4	P4-04_R01	19	R	70	58	63	6.5	64	Yes	-	Yes	No
P	I	4	P4-04_R01	20	R	70	58	63	6.6	64	Yes	-	Yes	No
P	I	4	P4-04_R01	21	R	70	58	64	6.6	65	Yes	-	Yes	No
P	I	4	P4-04_R01	22	R	70	58	64	6.6	65	Yes	-	Yes	No
P	I	4	P4-04_R01	23	R	70	59	64	6.4	65	Yes	-	Yes	No
P	I	4	P4-04_R01	24	R	70	59	64	6.3	65	Yes	-	Yes	No
P	I	4	P4-04_R01	25	R	70	59	64	6.2	65	Yes	-	Yes	No
P	I	4	P4-04_R01	26	R	70	59	64	6.0	65	Yes	-	Yes	No
P	I	4	P4-04_R01	27	R	70	59	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-04_R01	28	R	70	60	64	5.6	65	Yes	-	Yes	No
P	I	4	P4-04_R01	29	R	70	60	64	5.4	66	Yes	-	Yes	No
P	I	4	P4-04_R01	30	R	70	61	64	5.0	66	Yes	-	Yes	No
P	I	4	P4-04_R01	31	R	70	61	64	4.7	66	Yes	-	Yes	No
P	I	4	P4-04_R01	32	R	70	61	64	4.5	66	Yes	-	Yes	No
P	I	4	P4-04_R01	33	R	70	62	64	4.1	66	Yes	-	Yes	No
P	I	4	P4-04_R01	34	R	70	62	64	4.0	66	Yes	-	Yes	No
P	I	4	P4-04_R01	35	R	70	63	64	3.8	66	Yes	-	Yes	No
P	I	4	P4-04_R11	1	R	70	58	60	4.0	62	Yes	-	Yes	No
P	I	4	P4-04_R11	2	R	70	58	60	3.9	62	Yes	-	Yes	No
P	I	4	P4-04_R11	3	R	70	58	60	3.9	62	Yes	-	Yes	No
P	I	4	P4-04_R11	4	R	70	59	60	3.8	62	Yes	-	Yes	No
P	I	4	P4-04_R11	5	R	70	59	60	3.7	62	Yes	-	Yes	No
P	I	4	P4-04_R11	6	R	70	59	60	3.6	63	Yes	-	Yes	No
P	I	4	P4-04_R11	7	R	70	59	60	3.5	63	Yes	-	Yes	No
P	I	4	P4-04_R11	8	R	70	60	60	3.3	63	Yes	-	Yes	No
P	I	4	P4-04_R11	9	R	70	60	61	3.3	64	Yes	-	Yes	No
P	I	4	P4-04_R11	10	R	70	61	61	3.3	64	Yes	-	Yes	No
P	I	4	P4-04_R11	11	R	70	61	62	3.7	65	Yes	-	Yes	No
P	I	4	P4-04_R11	12	R	70	61	64	4.3	66	Yes	-	Yes	No
P	I	4	P4-04_R11	13	R	70	62	64	4.5	66	Yes	-	Yes	No
P	I	4	P4-04_R11	14	R	70	62	65	4.6	67	Yes	-	Yes	No
P	I	4	P4-04_R11	15	R	70	62	65	4.6	67	Yes	-	Yes	No
P	I	4	P4-04_R11	16	R	70	63	65	4.5	67	Yes	-	Yes	No
P	I	4	P4-04_R11	17	R	70	63	65	4.3	67	Yes	-	Yes	No
P	I	4	P4-04_R11	18	R	70	64	65	3.9	67	Yes	-	Yes	No
P	I	4	P4-04_R11	19	R	70	64	65	3.6	68	Yes	-	Yes	No
P	I	4	P4-04_R11	20	R	70	65	65	3.3	68	Yes	-	Yes	No
P	I	4	P4-04_R11	21	R	70	65	65	3.0	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R11	22	R	70	66	65	2.7	68	Yes	-	Yes	No
P	I	4	P4-04_R11	23	R	70	66	65	2.4	69	Yes	-	Yes	No
P	I	4	P4-04_R11	24	R	70	67	65	2.2	69	Yes	-	Yes	No
P	I	4	P4-04_R11	25	R	70	67	65	2.1	69	Yes	-	Yes	No
P	I	4	P4-04_R11	26	R	70	67	65	1.9	69	Yes	-	Yes	No
P	I	4	P4-04_R11	27	R	70	67	65	1.9	69	Yes	-	Yes	No
P	I	4	P4-04_R11	28	R	70	68	65	1.8	69	Yes	-	Yes	No
P	I	4	P4-04_R11	29	R	70	68	65	1.8	69	Yes	-	Yes	No
P	I	4	P4-04_R11	30	R	70	68	65	1.8	69	Yes	-	Yes	No
P	I	4	P4-04_R11	31	R	70	68	65	1.7	69	Yes	-	Yes	No
P	I	4	P4-04_R11	32	R	70	68	65	1.7	69	Yes	-	Yes	No
P	I	4	P4-04_R11	33	R	70	68	64	1.7	69	Yes	-	Yes	No
P	I	4	P4-04_R11	34	R	70	68	64	1.7	69	Yes	-	Yes	No
P	I	4	P4-04_R11	35	R	70	68	64	1.7	69	Yes	-	Yes	No
P	I	4	P4-04_R12	1	R	70	60	63	4.6	65	Yes	-	Yes	No
P	I	4	P4-04_R12	2	R	70	60	63	4.6	65	Yes	-	Yes	No
P	I	4	P4-04_R12	3	R	70	60	63	4.5	65	Yes	-	Yes	No
P	I	4	P4-04_R12	4	R	70	60	63	4.5	65	Yes	-	Yes	No
P	I	4	P4-04_R12	5	R	70	60	63	4.4	65	Yes	-	Yes	No
P	I	4	P4-04_R12	6	R	70	61	63	4.2	65	Yes	-	Yes	No
P	I	4	P4-04_R12	7	R	70	61	63	4.1	65	Yes	-	Yes	No
P	I	4	P4-04_R12	8	R	70	61	63	4.0	65	Yes	-	Yes	No
P	I	4	P4-04_R12	9	R	70	62	64	4.1	66	Yes	-	Yes	No
P	I	4	P4-04_R12	10	R	70	62	65	4.5	67	Yes	-	Yes	No
P	I	4	P4-04_R12	11	R	70	63	66	4.8	67	Yes	-	Yes	No
P	I	4	P4-04_R12	12	R	70	63	66	4.9	68	Yes	-	Yes	No
P	I	4	P4-04_R12	13	R	70	63	66	4.8	68	Yes	-	Yes	No
P	I	4	P4-04_R12	14	R	70	64	66	4.5	68	Yes	-	Yes	No
P	I	4	P4-04_R12	15	R	70	64	66	4.3	68	Yes	-	Yes	No
P	I	4	P4-04_R12	16	R	70	64	66	3.9	68	Yes	-	Yes	No
P	I	4	P4-04_R12	17	R	70	65	66	3.5	69	Yes	-	Yes	No
P	I	4	P4-04_R12	18	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-04_R12	19	R	70	66	66	2.8	69	Yes	-	Yes	No
P	I	4	P4-04_R12	20	R	70	67	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-04_R12	21	R	70	68	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-04_R12	22	R	70	68	66	2.0	70	Yes	-	Yes	No
P	I	4	P4-04_R12	23	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-04_R12	24	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-04_R12	25	R	70	68	65	1.8	70	Yes	-	Yes	No
P	I	4	P4-04_R12	26	R	70	69	65	1.7	70	Yes	-	Yes	No
P	I	4	P4-04_R12	27	R	70	69	65	1.7	70	Yes	-	Yes	No
P	I	4	P4-04_R12	28	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-04_R12	29	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-04_R12	30	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-04_R12	31	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-04_R12	32	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-04_R12	33	R	70	69	65	1.5	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R12	34	R	70	69	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-04_R12	35	R	70	69	65	1.4	70	Yes	-	Yes	No
P	I	4	P4-04_R13	1	R	70	63	69	7.1	70	Yes	-	Yes	No
P	I	4	P4-04_R13	2	R	70	63	69	6.9	70	Yes	-	Yes	No
P	I	4	P4-04_R13	3	R	70	63	69	6.9	70	Yes	-	Yes	No
P	I	4	P4-04_R13	4	R	70	63	69	6.8	70	Yes	-	Yes	No
P	I	4	P4-04_R13	5	R	70	63	69	6.8	70	Yes	-	Yes	No
P	I	4	P4-04_R13	6	R	70	63	69	6.8	70	Yes	-	Yes	No
P	I	4	P4-04_R13	7	R	70	63	69	6.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	8	R	70	63	69	6.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	9	R	70	63	69	6.5	70	Yes	-	Yes	No
P	I	4	P4-04_R13	10	R	70	63	69	6.5	70	Yes	-	Yes	No
P	I	4	P4-04_R13	11	R	70	63	69	6.4	70	Yes	-	Yes	No
P	I	4	P4-04_R13	12	R	70	64	68	6.1	70	Yes	-	Yes	No
P	I	4	P4-04_R13	13	R	70	64	68	5.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	14	R	70	65	68	5.1	70	Yes	-	Yes	No
P	I	4	P4-04_R13	15	R	70	65	68	4.8	70	Yes	-	Yes	No
P	I	4	P4-04_R13	16	R	70	66	68	4.5	70	Yes	-	Yes	No
P	I	4	P4-04_R13	17	R	70	66	68	4.3	70	Yes	-	Yes	No
P	I	4	P4-04_R13	18	R	70	66	68	4.1	70	Yes	-	Yes	No
P	I	4	P4-04_R13	19	R	70	66	68	4.0	70	Yes	-	Yes	No
P	I	4	P4-04_R13	20	R	70	66	68	3.9	70	Yes	-	Yes	No
P	I	4	P4-04_R13	21	R	70	66	68	3.8	70	Yes	-	Yes	No
P	I	4	P4-04_R13	22	R	70	66	67	3.8	70	Yes	-	Yes	No
P	I	4	P4-04_R13	23	R	70	66	67	3.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	24	R	70	66	67	3.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	25	R	70	66	67	3.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	26	R	70	66	67	3.7	70	Yes	-	Yes	No
P	I	4	P4-04_R13	27	R	70	66	67	3.6	69	Yes	-	Yes	No
P	I	4	P4-04_R13	28	R	70	66	67	3.7	69	Yes	-	Yes	No
P	I	4	P4-04_R13	29	R	70	66	67	3.6	69	Yes	-	Yes	No
P	I	4	P4-04_R13	30	R	70	66	67	3.5	69	Yes	-	Yes	No
P	I	4	P4-04_R13	31	R	70	66	67	3.5	69	Yes	-	Yes	No
P	I	4	P4-04_R13	32	R	70	66	67	3.5	69	Yes	-	Yes	No
P	I	4	P4-04_R13	33	R	70	66	66	3.5	69	Yes	-	Yes	No
P	I	4	P4-04_R13	34	R	70	66	66	3.4	69	Yes	-	Yes	No
P	I	4	P4-04_R13	35	R	70	66	66	3.3	69	Yes	-	Yes	No
P	I	4	P4-04_R14	1	R	70	57	66	10.0	67	Yes	-	Yes	No
P	I	4	P4-04_R14	2	R	70	57	66	9.9	67	Yes	-	Yes	No
P	I	4	P4-04_R14	3	R	70	57	66	9.9	67	Yes	-	Yes	No
P	I	4	P4-04_R14	4	R	70	57	66	9.8	67	Yes	-	Yes	No
P	I	4	P4-04_R14	5	R	70	57	66	9.8	67	Yes	-	Yes	No
P	I	4	P4-04_R14	6	R	70	57	66	9.7	67	Yes	-	Yes	No
P	I	4	P4-04_R14	7	R	70	57	66	9.8	67	Yes	-	Yes	No
P	I	4	P4-04_R14	8	R	70	57	66	9.9	67	Yes	-	Yes	No
P	I	4	P4-04_R14	9	R	70	57	66	9.9	66	Yes	-	Yes	No
P	I	4	P4-04_R14	10	R	70	56	66	10.0	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R14	11	R	70	56	66	10.2	66	Yes	-	Yes	No
P	I	4	P4-04_R14	12	R	70	56	66	10.3	66	Yes	-	Yes	No
P	I	4	P4-04_R14	13	R	70	56	66	10.3	66	Yes	-	Yes	No
P	I	4	P4-04_R14	14	R	70	56	66	10.5	66	Yes	-	Yes	No
P	I	4	P4-04_R14	15	R	70	56	66	10.5	66	Yes	-	Yes	No
P	I	4	P4-04_R14	16	R	70	55	66	10.7	66	Yes	-	Yes	No
P	I	4	P4-04_R14	17	R	70	55	66	10.7	66	Yes	-	Yes	No
P	I	4	P4-04_R14	18	R	70	55	66	10.9	66	Yes	-	Yes	No
P	I	4	P4-04_R14	19	R	70	55	65	10.9	66	Yes	-	Yes	No
P	I	4	P4-04_R14	20	R	70	55	65	11.0	66	Yes	-	Yes	No
P	I	4	P4-04_R14	21	R	70	55	65	11.2	66	Yes	-	Yes	No
P	I	4	P4-04_R14	22	R	70	54	65	11.3	66	Yes	-	Yes	No
P	I	4	P4-04_R14	23	R	70	54	65	11.3	66	Yes	-	Yes	No
P	I	4	P4-04_R14	24	R	70	54	65	11.4	65	Yes	-	Yes	No
P	I	4	P4-04_R14	25	R	70	54	65	11.5	65	Yes	-	Yes	No
P	I	4	P4-04_R14	26	R	70	54	65	11.5	65	Yes	-	Yes	No
P	I	4	P4-04_R14	27	R	70	54	65	11.6	65	Yes	-	Yes	No
P	I	4	P4-04_R14	28	R	70	54	65	11.6	65	Yes	-	Yes	No
P	I	4	P4-04_R14	29	R	70	53	65	11.7	65	Yes	-	Yes	No
P	I	4	P4-04_R14	30	R	70	53	65	11.8	65	Yes	-	Yes	No
P	I	4	P4-04_R14	31	R	70	53	65	11.8	65	Yes	-	Yes	No
P	I	4	P4-04_R14	32	R	70	53	65	11.8	65	Yes	-	Yes	No
P	I	4	P4-04_R14	33	R	70	53	65	11.8	65	Yes	-	Yes	No
P	I	4	P4-04_R14	34	R	70	53	64	11.9	65	Yes	-	Yes	No
P	I	4	P4-04_R14	35	R	70	53	64	11.9	65	Yes	-	Yes	No
P	I	4	P4-04_R21	1	R	70	57	64	7.5	65	Yes	-	Yes	No
P	I	4	P4-04_R21	2	R	70	57	64	7.5	65	Yes	-	Yes	No
P	I	4	P4-04_R21	3	R	70	57	64	7.5	65	Yes	-	Yes	No
P	I	4	P4-04_R21	4	R	70	57	64	7.5	65	Yes	-	Yes	No
P	I	4	P4-04_R21	5	R	70	57	64	7.5	65	Yes	-	Yes	No
P	I	4	P4-04_R21	6	R	70	57	64	7.5	65	Yes	-	Yes	No
P	I	4	P4-04_R21	7	R	70	57	64	7.4	64	Yes	-	Yes	No
P	I	4	P4-04_R21	8	R	70	57	64	7.4	64	Yes	-	Yes	No
P	I	4	P4-04_R21	9	R	70	57	64	7.4	64	Yes	-	Yes	No
P	I	4	P4-04_R21	10	R	70	57	63	7.4	64	Yes	-	Yes	No
P	I	4	P4-04_R21	11	R	70	57	63	7.4	64	Yes	-	Yes	No
P	I	4	P4-04_R21	12	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	13	R	70	57	63	7.4	64	Yes	-	Yes	No
P	I	4	P4-04_R21	14	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	15	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	16	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	17	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	18	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	19	R	70	57	63	7.2	64	Yes	-	Yes	No
P	I	4	P4-04_R21	20	R	70	57	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	21	R	70	57	63	7.2	64	Yes	-	Yes	No
P	I	4	P4-04_R21	22	R	70	56	63	7.2	64	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R21	23	R	70	56	63	7.3	64	Yes	-	Yes	No
P	I	4	P4-04_R21	24	R	70	56	63	7.2	64	Yes	-	Yes	No
P	I	4	P4-04_R21	25	R	70	56	63	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	26	R	70	56	63	7.3	63	Yes	-	Yes	No
P	I	4	P4-04_R21	27	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	28	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	29	R	70	56	62	7.3	63	Yes	-	Yes	No
P	I	4	P4-04_R21	30	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	31	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	32	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	33	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	34	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R21	35	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	4	P4-04_R22	1	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-04_R22	2	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-04_R22	3	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-04_R22	4	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-04_R22	5	R	70	60	66	6.8	67	Yes	-	Yes	No
P	I	4	P4-04_R22	6	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	4	P4-04_R22	7	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	4	P4-04_R22	8	R	70	61	66	6.6	67	Yes	-	Yes	No
P	I	4	P4-04_R22	9	R	70	61	66	6.4	67	Yes	-	Yes	No
P	I	4	P4-04_R22	10	R	70	61	66	6.4	67	Yes	-	Yes	No
P	I	4	P4-04_R22	11	R	70	61	66	6.3	67	Yes	-	Yes	No
P	I	4	P4-04_R22	12	R	70	61	66	6.2	67	Yes	-	Yes	No
P	I	4	P4-04_R22	13	R	70	61	66	6.0	67	Yes	-	Yes	No
P	I	4	P4-04_R22	14	R	70	61	66	5.8	67	Yes	-	Yes	No
P	I	4	P4-04_R22	15	R	70	61	66	5.6	67	Yes	-	Yes	No
P	I	4	P4-04_R22	16	R	70	62	66	5.3	67	Yes	-	Yes	No
P	I	4	P4-04_R22	17	R	70	62	65	4.8	67	Yes	-	Yes	No
P	I	4	P4-04_R22	18	R	70	63	65	4.4	67	Yes	-	Yes	No
P	I	4	P4-04_R22	19	R	70	63	65	4.1	67	Yes	-	Yes	No
P	I	4	P4-04_R22	20	R	70	64	65	3.7	68	Yes	-	Yes	No
P	I	4	P4-04_R22	21	R	70	64	65	3.5	68	Yes	-	Yes	No
P	I	4	P4-04_R22	22	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-04_R22	23	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-04_R22	24	R	70	65	65	3.1	68	Yes	-	Yes	No
P	I	4	P4-04_R22	25	R	70	65	65	3.0	68	Yes	-	Yes	No
P	I	4	P4-04_R22	26	R	70	65	65	2.9	68	Yes	-	Yes	No
P	I	4	P4-04_R22	27	R	70	65	65	2.9	68	Yes	-	Yes	No
P	I	4	P4-04_R22	28	R	70	65	64	2.8	68	Yes	-	Yes	No
P	I	4	P4-04_R22	29	R	70	65	64	2.9	68	Yes	-	Yes	No
P	I	4	P4-04_R22	30	R	70	65	64	2.8	68	Yes	-	Yes	No
P	I	4	P4-04_R22	31	R	70	65	64	2.8	68	Yes	-	Yes	No
P	I	4	P4-04_R22	32	R	70	65	64	2.7	68	Yes	-	Yes	No
P	I	4	P4-04_R22	33	R	70	65	64	2.7	67	Yes	-	Yes	No
P	I	4	P4-04_R22	34	R	70	65	64	2.6	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R22	35	R	70	65	64	2.6	67	Yes	-	Yes	No
P	I	4	P4-04_R23	1	R	70	62	68	6.9	69	Yes	-	Yes	No
P	I	4	P4-04_R23	2	R	70	63	68	6.9	69	Yes	-	Yes	No
P	I	4	P4-04_R23	3	R	70	63	68	6.8	69	Yes	-	Yes	No
P	I	4	P4-04_R23	4	R	70	63	68	6.7	69	Yes	-	Yes	No
P	I	4	P4-04_R23	5	R	70	63	68	6.7	69	Yes	-	Yes	No
P	I	4	P4-04_R23	6	R	70	63	68	6.5	69	Yes	-	Yes	No
P	I	4	P4-04_R23	7	R	70	63	68	6.4	69	Yes	-	Yes	No
P	I	4	P4-04_R23	8	R	70	63	68	6.4	69	Yes	-	Yes	No
P	I	4	P4-04_R23	9	R	70	63	68	6.2	69	Yes	-	Yes	No
P	I	4	P4-04_R23	10	R	70	63	68	6.1	69	Yes	-	Yes	No
P	I	4	P4-04_R23	11	R	70	63	68	5.9	69	Yes	-	Yes	No
P	I	4	P4-04_R23	12	R	70	64	68	5.7	69	Yes	-	Yes	No
P	I	4	P4-04_R23	13	R	70	64	68	5.3	69	Yes	-	Yes	No
P	I	4	P4-04_R23	14	R	70	64	68	5.0	69	Yes	-	Yes	No
P	I	4	P4-04_R23	15	R	70	65	68	4.4	69	Yes	-	Yes	No
P	I	4	P4-04_R23	16	R	70	66	67	3.9	70	Yes	-	Yes	No
P	I	4	P4-04_R23	17	R	70	67	67	3.4	70	Yes	-	Yes	No
P	I	4	P4-04_R23	18	R	70	67	67	3.1	70	Yes	-	Yes	No
P	I	4	P4-04_R23	19	R	70	68	67	2.7	70	Yes	-	Yes	No
P	I	4	P4-04_R23	20	R	70	68	67	2.5	71	Yes	-	No	Yes
P	I	4	P4-04_R23	21	R	70	68	67	2.4	71	Yes	-	No	Yes
P	I	4	P4-04_R23	22	R	70	68	67	2.3	71	Yes	-	No	Yes
P	I	4	P4-04_R23	23	R	70	68	67	2.3	71	Yes	-	No	Yes
P	I	4	P4-04_R23	24	R	70	68	67	2.2	71	Yes	-	No	Yes
P	I	4	P4-04_R23	25	R	70	68	67	2.1	71	Yes	-	No	Yes
P	I	4	P4-04_R23	26	R	70	68	66	2.2	71	Yes	-	No	Yes
P	I	4	P4-04_R23	27	R	70	68	66	2.1	70	Yes	-	Yes	No
P	I	4	P4-04_R23	28	R	70	68	66	2.1	70	Yes	-	Yes	No
P	I	4	P4-04_R23	29	R	70	68	66	2.1	70	Yes	-	Yes	No
P	I	4	P4-04_R23	30	R	70	68	66	2.0	70	Yes	-	Yes	No
P	I	4	P4-04_R23	31	R	70	68	66	2.0	70	Yes	-	Yes	No
P	I	4	P4-04_R23	32	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-04_R23	33	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-04_R23	34	R	70	68	66	1.8	70	Yes	-	Yes	No
P	I	4	P4-04_R23	35	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-04_R24	1	R	70	60	67	7.6	68	Yes	-	Yes	No
P	I	4	P4-04_R24	2	R	70	61	67	7.6	68	Yes	-	Yes	No
P	I	4	P4-04_R24	3	R	70	61	67	7.5	68	Yes	-	Yes	No
P	I	4	P4-04_R24	4	R	70	61	67	7.4	68	Yes	-	Yes	No
P	I	4	P4-04_R24	5	R	70	61	67	7.4	68	Yes	-	Yes	No
P	I	4	P4-04_R24	6	R	70	61	67	7.3	68	Yes	-	Yes	No
P	I	4	P4-04_R24	7	R	70	61	67	7.2	68	Yes	-	Yes	No
P	I	4	P4-04_R24	8	R	70	61	67	7.2	68	Yes	-	Yes	No
P	I	4	P4-04_R24	9	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	4	P4-04_R24	10	R	70	61	67	6.9	68	Yes	-	Yes	No
P	I	4	P4-04_R24	11	R	70	61	67	6.8	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-04_R24	12	R	70	61	67	6.7	68	Yes	-	Yes	No
P	I	4	P4-04_R24	13	R	70	61	67	6.6	68	Yes	-	Yes	No
P	I	4	P4-04_R24	14	R	70	62	67	6.3	68	Yes	-	Yes	No
P	I	4	P4-04_R24	15	R	70	62	67	6.0	68	Yes	-	Yes	No
P	I	4	P4-04_R24	16	R	70	62	67	5.7	68	Yes	-	Yes	No
P	I	4	P4-04_R24	17	R	70	63	67	5.3	68	Yes	-	Yes	No
P	I	4	P4-04_R24	18	R	70	63	67	4.9	68	Yes	-	Yes	No
P	I	4	P4-04_R24	19	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	4	P4-04_R24	20	R	70	65	66	3.8	69	Yes	-	Yes	No
P	I	4	P4-04_R24	21	R	70	66	66	3.4	69	Yes	-	Yes	No
P	I	4	P4-04_R24	22	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-04_R24	23	R	70	67	66	2.8	69	Yes	-	Yes	No
P	I	4	P4-04_R24	24	R	70	67	66	2.6	70	Yes	-	Yes	No
P	I	4	P4-04_R24	25	R	70	67	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-04_R24	26	R	70	67	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-04_R24	27	R	70	67	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-04_R24	28	R	70	67	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-04_R24	29	R	70	67	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-04_R24	30	R	70	67	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-04_R24	31	R	70	67	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-04_R24	32	R	70	67	66	2.1	70	Yes	-	Yes	No
P	I	4	P4-04_R24	33	R	70	67	65	2.1	70	Yes	-	Yes	No
P	I	4	P4-04_R24	34	R	70	67	65	2.1	70	Yes	-	Yes	No
P	I	4	P4-04_R24	35	R	70	67	65	2.1	69	Yes	-	Yes	No
P	I	4	P4-05_R01	1	R	70	58	66	8.3	67	Yes	-	Yes	No
P	I	4	P4-05_R01	2	R	70	58	66	8.2	67	Yes	-	Yes	No
P	I	4	P4-05_R01	3	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-05_R01	4	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-05_R01	5	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-05_R01	6	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	4	P4-05_R01	7	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-05_R01	8	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	4	P4-05_R01	9	R	70	59	66	7.8	66	Yes	-	Yes	No
P	I	4	P4-05_R01	10	R	70	59	66	7.8	66	Yes	-	Yes	No
P	I	4	P4-05_R01	11	R	70	59	66	7.8	66	Yes	-	Yes	No
P	I	4	P4-05_R01	12	R	70	59	66	7.7	66	Yes	-	Yes	No
P	I	4	P4-05_R01	13	R	70	59	66	7.7	66	Yes	-	Yes	No
P	I	4	P4-05_R01	14	R	70	59	65	7.6	66	Yes	-	Yes	No
P	I	4	P4-05_R01	15	R	70	59	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-05_R01	16	R	70	59	65	7.4	66	Yes	-	Yes	No
P	I	4	P4-05_R01	17	R	70	59	65	7.3	66	Yes	-	Yes	No
P	I	4	P4-05_R01	18	R	70	59	65	7.1	66	Yes	-	Yes	No
P	I	4	P4-05_R01	19	R	70	59	65	7.0	66	Yes	-	Yes	No
P	I	4	P4-05_R01	20	R	70	59	65	6.7	66	Yes	-	Yes	No
P	I	4	P4-05_R01	21	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	4	P4-05_R01	22	R	70	60	65	6.3	66	Yes	-	Yes	No
P	I	4	P4-05_R01	23	R	70	60	65	6.3	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R01	24	R	70	60	65	6.1	66	Yes	-	Yes	No
P	I	4	P4-05_R01	25	R	70	60	65	6.1	66	Yes	-	Yes	No
P	I	4	P4-05_R01	26	R	70	60	65	6.1	66	Yes	-	Yes	No
P	I	4	P4-05_R01	27	R	70	60	65	6.0	66	Yes	-	Yes	No
P	I	4	P4-05_R01	28	R	70	60	64	6.0	66	Yes	-	Yes	No
P	I	4	P4-05_R01	29	R	70	60	64	6.0	66	Yes	-	Yes	No
P	I	4	P4-05_R01	30	R	70	60	64	6.0	66	Yes	-	Yes	No
P	I	4	P4-05_R01	31	R	70	60	64	5.9	66	Yes	-	Yes	No
P	I	4	P4-05_R01	32	R	70	60	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-05_R01	33	R	70	60	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-05_R01	34	R	70	59	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-05_R01	35	R	70	59	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-05_R01	36	R	70	59	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-05_R01	37	R	70	59	64	5.8	65	Yes	-	Yes	No
P	I	4	P4-05_R01	38	R	70	59	64	5.8	65	Yes	-	Yes	No
P	I	4	P4-05_R01	39	R	70	59	64	5.8	65	Yes	-	Yes	No
P	I	4	P4-05_R01	40	R	70	59	64	5.8	65	Yes	-	Yes	No
P	I	4	P4-05_R01	41	R	70	59	64	5.7	65	Yes	-	Yes	No
P	I	4	P4-05_R01	42	R	70	60	64	5.4	65	Yes	-	Yes	No
P	I	4	P4-05_R02	1	R	70	60	68	8.3	69	Yes	-	Yes	No
P	I	4	P4-05_R02	2	R	70	60	68	8.2	69	Yes	-	Yes	No
P	I	4	P4-05_R02	3	R	70	60	68	8.2	69	Yes	-	Yes	No
P	I	4	P4-05_R02	4	R	70	61	68	8.1	69	Yes	-	Yes	No
P	I	4	P4-05_R02	5	R	70	61	68	8.0	69	Yes	-	Yes	No
P	I	4	P4-05_R02	6	R	70	61	68	7.8	69	Yes	-	Yes	No
P	I	4	P4-05_R02	7	R	70	61	68	7.8	69	Yes	-	Yes	No
P	I	4	P4-05_R02	8	R	70	61	68	7.7	69	Yes	-	Yes	No
P	I	4	P4-05_R02	9	R	70	61	68	7.6	69	Yes	-	Yes	No
P	I	4	P4-05_R02	10	R	70	61	68	7.4	68	Yes	-	Yes	No
P	I	4	P4-05_R02	11	R	70	61	68	7.3	68	Yes	-	Yes	No
P	I	4	P4-05_R02	12	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	4	P4-05_R02	13	R	70	61	67	6.9	68	Yes	-	Yes	No
P	I	4	P4-05_R02	14	R	70	62	67	6.7	68	Yes	-	Yes	No
P	I	4	P4-05_R02	15	R	70	62	67	6.3	68	Yes	-	Yes	No
P	I	4	P4-05_R02	16	R	70	62	67	6.0	68	Yes	-	Yes	No
P	I	4	P4-05_R02	17	R	70	63	67	5.6	68	Yes	-	Yes	No
P	I	4	P4-05_R02	18	R	70	63	67	5.3	68	Yes	-	Yes	No
P	I	4	P4-05_R02	19	R	70	63	67	5.0	68	Yes	-	Yes	No
P	I	4	P4-05_R02	20	R	70	64	67	4.9	68	Yes	-	Yes	No
P	I	4	P4-05_R02	21	R	70	64	67	4.8	68	Yes	-	Yes	No
P	I	4	P4-05_R02	22	R	70	64	67	4.7	68	Yes	-	Yes	No
P	I	4	P4-05_R02	23	R	70	64	67	4.6	68	Yes	-	Yes	No
P	I	4	P4-05_R02	24	R	70	64	66	4.5	68	Yes	-	Yes	No
P	I	4	P4-05_R02	25	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	4	P4-05_R02	26	R	70	64	66	4.4	68	Yes	-	Yes	No
P	I	4	P4-05_R02	27	R	70	64	66	4.3	68	Yes	-	Yes	No
P	I	4	P4-05_R02	28	R	70	64	66	4.3	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R02	29	R	70	64	66	4.1	68	Yes	-	Yes	No
P	I	4	P4-05_R02	30	R	70	64	66	4.2	68	Yes	-	Yes	No
P	I	4	P4-05_R02	31	R	70	64	66	4.1	68	Yes	-	Yes	No
P	I	4	P4-05_R02	32	R	70	64	66	3.9	68	Yes	-	Yes	No
P	I	4	P4-05_R02	33	R	70	64	66	4.0	68	Yes	-	Yes	No
P	I	4	P4-05_R02	34	R	70	64	66	3.9	68	Yes	-	Yes	No
P	I	4	P4-05_R02	35	R	70	64	65	3.9	68	Yes	-	Yes	No
P	I	4	P4-05_R02	36	R	70	64	65	3.9	68	Yes	-	Yes	No
P	I	4	P4-05_R02	37	R	70	64	65	3.8	68	Yes	-	Yes	No
P	I	4	P4-05_R02	38	R	70	64	65	3.7	68	Yes	-	Yes	No
P	I	4	P4-05_R02	39	R	70	64	65	3.6	68	Yes	-	Yes	No
P	I	4	P4-05_R02	40	R	70	64	65	3.7	68	Yes	-	Yes	No
P	I	4	P4-05_R02	41	R	70	64	65	3.6	67	Yes	-	Yes	No
P	I	4	P4-05_R02	42	R	70	64	65	3.6	67	Yes	-	Yes	No
P	I	4	P4-05_R03	1	R	70	53	68	15.1	68	Yes	-	Yes	No
P	I	4	P4-05_R03	2	R	70	54	68	14.5	68	Yes	-	Yes	No
P	I	4	P4-05_R03	3	R	70	54	68	14.0	68	Yes	-	Yes	No
P	I	4	P4-05_R03	4	R	70	55	68	13.3	68	Yes	-	Yes	No
P	I	4	P4-05_R03	5	R	70	56	68	12.7	68	Yes	-	Yes	No
P	I	4	P4-05_R03	6	R	70	56	68	12.1	68	Yes	-	Yes	No
P	I	4	P4-05_R03	7	R	70	57	68	11.4	68	Yes	-	Yes	No
P	I	4	P4-05_R03	8	R	70	58	68	10.6	68	Yes	-	Yes	No
P	I	4	P4-05_R03	9	R	70	59	68	9.9	68	Yes	-	Yes	No
P	I	4	P4-05_R03	10	R	70	59	68	9.2	68	Yes	-	Yes	No
P	I	4	P4-05_R03	11	R	70	60	68	8.4	68	Yes	-	Yes	No
P	I	4	P4-05_R03	12	R	70	61	68	7.5	69	Yes	-	Yes	No
P	I	4	P4-05_R03	13	R	70	62	68	6.7	69	Yes	-	Yes	No
P	I	4	P4-05_R03	14	R	70	63	68	5.9	69	Yes	-	Yes	No
P	I	4	P4-05_R03	15	R	70	64	67	5.1	69	Yes	-	Yes	No
P	I	4	P4-05_R03	16	R	70	65	67	4.2	69	Yes	-	Yes	No
P	I	4	P4-05_R03	17	R	70	67	67	3.3	70	Yes	-	Yes	No
P	I	4	P4-05_R03	18	R	70	68	67	2.8	70	Yes	-	Yes	No
P	I	4	P4-05_R03	19	R	70	69	67	2.1	71	Yes	-	No	Yes
P	I	4	P4-05_R03	20	R	70	70	67	1.8	72	Yes	-	No	Yes
P	I	4	P4-05_R03	21	R	70	70	67	1.6	72	Yes	-	No	Yes
P	I	4	P4-05_R03	22	R	70	71	67	1.4	72	Yes	-	No	Yes
P	I	4	P4-05_R03	23	R	70	71	67	1.3	72	Yes	-	No	Yes
P	I	4	P4-05_R03	24	R	70	71	67	1.3	72	Yes	-	No	Yes
P	I	4	P4-05_R03	25	R	70	71	66	1.2	72	Yes	-	No	Yes
P	I	4	P4-05_R03	26	R	70	71	66	1.2	72	Yes	-	No	Yes
P	I	4	P4-05_R03	27	R	70	71	66	1.2	72	Yes	-	No	Yes
P	I	4	P4-05_R03	28	R	70	71	66	1.2	72	Yes	-	No	Yes
P	I	4	P4-05_R03	29	R	70	71	66	1.2	72	Yes	-	No	Yes
P	I	4	P4-05_R03	30	R	70	71	66	1.1	72	Yes	-	No	Yes
P	I	4	P4-05_R03	31	R	70	71	66	1.1	72	Yes	-	No	Yes
P	I	4	P4-05_R03	32	R	70	71	66	1.1	72	Yes	-	No	Yes
P	I	4	P4-05_R03	33	R	70	71	66	1.1	72	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R03	34	R	70	71	66	1.0	72	Yes	-	No	Yes
P	I	4	P4-05_R03	35	R	70	71	65	1.0	72	Yes	-	No	Yes
P	I	4	P4-05_R03	36	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R03	37	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R03	38	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R03	39	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R03	40	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R03	41	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R03	42	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R04	1	R	70	52	66	14.1	66	Yes	-	Yes	No
P	I	4	P4-05_R04	2	R	70	52	66	13.7	66	Yes	-	Yes	No
P	I	4	P4-05_R04	3	R	70	53	66	13.4	66	Yes	-	Yes	No
P	I	4	P4-05_R04	4	R	70	53	66	12.9	66	Yes	-	Yes	No
P	I	4	P4-05_R04	5	R	70	54	66	12.4	66	Yes	-	Yes	No
P	I	4	P4-05_R04	6	R	70	54	66	12.0	66	Yes	-	Yes	No
P	I	4	P4-05_R04	7	R	70	55	66	11.5	66	Yes	-	Yes	No
P	I	4	P4-05_R04	8	R	70	55	66	10.9	66	Yes	-	Yes	No
P	I	4	P4-05_R04	9	R	70	56	66	10.4	66	Yes	-	Yes	No
P	I	4	P4-05_R04	10	R	70	56	66	9.9	66	Yes	-	Yes	No
P	I	4	P4-05_R04	11	R	70	57	66	9.4	66	Yes	-	Yes	No
P	I	4	P4-05_R04	12	R	70	57	65	8.8	66	Yes	-	Yes	No
P	I	4	P4-05_R04	13	R	70	58	65	8.3	66	Yes	-	Yes	No
P	I	4	P4-05_R04	14	R	70	59	65	7.6	66	Yes	-	Yes	No
P	I	4	P4-05_R04	15	R	70	59	65	7.0	66	Yes	-	Yes	No
P	I	4	P4-05_R04	16	R	70	60	65	6.4	66	Yes	-	Yes	No
P	I	4	P4-05_R04	17	R	70	61	65	5.7	67	Yes	-	Yes	No
P	I	4	P4-05_R04	18	R	70	62	65	5.1	67	Yes	-	Yes	No
P	I	4	P4-05_R04	19	R	70	62	65	4.5	67	Yes	-	Yes	No
P	I	4	P4-05_R04	20	R	70	64	65	3.7	67	Yes	-	Yes	No
P	I	4	P4-05_R04	21	R	70	64	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-05_R04	22	R	70	65	65	2.8	68	Yes	-	Yes	No
P	I	4	P4-05_R04	23	R	70	66	65	2.2	69	Yes	-	Yes	No
P	I	4	P4-05_R04	24	R	70	67	65	1.9	69	Yes	-	Yes	No
P	I	4	P4-05_R04	25	R	70	68	65	1.7	69	Yes	-	Yes	No
P	I	4	P4-05_R04	26	R	70	68	64	1.6	70	Yes	-	Yes	No
P	I	4	P4-05_R04	27	R	70	68	64	1.5	70	Yes	-	Yes	No
P	I	4	P4-05_R04	28	R	70	68	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-05_R04	29	R	70	68	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-05_R04	30	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-05_R04	31	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-05_R04	32	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-05_R04	33	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-05_R04	34	R	70	69	64	1.2	70	Yes	-	Yes	No
P	I	4	P4-05_R04	35	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-05_R04	36	R	70	69	64	1.2	70	Yes	-	Yes	No
P	I	4	P4-05_R04	37	R	70	69	64	1.2	70	Yes	-	Yes	No
P	I	4	P4-05_R04	38	R	70	69	64	1.1	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R04	39	R	70	69	63	1.2	70	Yes	-	Yes	No
P	I	4	P4-05_R04	40	R	70	69	63	1.2	70	Yes	-	Yes	No
P	I	4	P4-05_R04	41	R	70	69	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-05_R04	42	R	70	69	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-05_R11	1	R	70	52	66	14.4	67	Yes	-	Yes	No
P	I	4	P4-05_R11	2	R	70	53	66	14.0	67	Yes	-	Yes	No
P	I	4	P4-05_R11	3	R	70	53	66	13.5	67	Yes	-	Yes	No
P	I	4	P4-05_R11	4	R	70	54	66	13.1	67	Yes	-	Yes	No
P	I	4	P4-05_R11	5	R	70	54	66	12.7	67	Yes	-	Yes	No
P	I	4	P4-05_R11	6	R	70	54	66	12.2	67	Yes	-	Yes	No
P	I	4	P4-05_R11	7	R	70	55	66	11.8	67	Yes	-	Yes	No
P	I	4	P4-05_R11	8	R	70	55	66	11.5	67	Yes	-	Yes	No
P	I	4	P4-05_R11	9	R	70	56	66	11.0	67	Yes	-	Yes	No
P	I	4	P4-05_R11	10	R	70	56	66	10.6	67	Yes	-	Yes	No
P	I	4	P4-05_R11	11	R	70	56	66	10.2	67	Yes	-	Yes	No
P	I	4	P4-05_R11	12	R	70	57	66	9.8	67	Yes	-	Yes	No
P	I	4	P4-05_R11	13	R	70	57	66	9.3	67	Yes	-	Yes	No
P	I	4	P4-05_R11	14	R	70	58	66	8.8	67	Yes	-	Yes	No
P	I	4	P4-05_R11	15	R	70	58	66	8.2	67	Yes	-	Yes	No
P	I	4	P4-05_R11	16	R	70	59	66	7.6	67	Yes	-	Yes	No
P	I	4	P4-05_R11	17	R	70	60	66	7.1	67	Yes	-	Yes	No
P	I	4	P4-05_R11	18	R	70	60	66	6.3	67	Yes	-	Yes	No
P	I	4	P4-05_R11	19	R	70	61	66	5.6	67	Yes	-	Yes	No
P	I	4	P4-05_R11	20	R	70	62	65	4.8	67	Yes	-	Yes	No
P	I	4	P4-05_R11	21	R	70	63	65	4.3	67	Yes	-	Yes	No
P	I	4	P4-05_R11	22	R	70	64	65	3.7	68	Yes	-	Yes	No
P	I	4	P4-05_R11	23	R	70	65	65	3.3	68	Yes	-	Yes	No
P	I	4	P4-05_R11	24	R	70	65	65	3.0	68	Yes	-	Yes	No
P	I	4	P4-05_R11	25	R	70	66	65	2.7	68	Yes	-	Yes	No
P	I	4	P4-05_R11	26	R	70	66	65	2.6	68	Yes	-	Yes	No
P	I	4	P4-05_R11	27	R	70	66	65	2.5	68	Yes	-	Yes	No
P	I	4	P4-05_R11	28	R	70	66	65	2.5	69	Yes	-	Yes	No
P	I	4	P4-05_R11	29	R	70	66	65	2.3	68	Yes	-	Yes	No
P	I	4	P4-05_R11	30	R	70	66	65	2.3	68	Yes	-	Yes	No
P	I	4	P4-05_R11	31	R	70	66	65	2.3	68	Yes	-	Yes	No
P	I	4	P4-05_R11	32	R	70	66	65	2.3	68	Yes	-	Yes	No
P	I	4	P4-05_R11	33	R	70	66	64	2.3	68	Yes	-	Yes	No
P	I	4	P4-05_R11	34	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-05_R11	35	R	70	66	64	2.1	68	Yes	-	Yes	No
P	I	4	P4-05_R11	36	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-05_R11	37	R	70	66	64	2.1	68	Yes	-	Yes	No
P	I	4	P4-05_R11	38	R	70	66	64	2.0	68	Yes	-	Yes	No
P	I	4	P4-05_R11	39	R	70	66	64	2.0	68	Yes	-	Yes	No
P	I	4	P4-05_R11	40	R	70	66	64	2.0	68	Yes	-	Yes	No
P	I	4	P4-05_R11	41	R	70	66	64	2.0	68	Yes	-	Yes	No
P	I	4	P4-05_R11	42	R	70	66	64	2.0	68	Yes	-	Yes	No
P	I	4	P4-05_R12	1	R	70	60	69	9.5	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R12	2	R	70	60	69	9.4	69	Yes	-	Yes	No
P	I	4	P4-05_R12	3	R	70	60	69	9.3	69	Yes	-	Yes	No
P	I	4	P4-05_R12	4	R	70	60	69	9.1	69	Yes	-	Yes	No
P	I	4	P4-05_R12	5	R	70	60	69	8.9	69	Yes	-	Yes	No
P	I	4	P4-05_R12	6	R	70	61	69	8.6	69	Yes	-	Yes	No
P	I	4	P4-05_R12	7	R	70	61	69	8.4	69	Yes	-	Yes	No
P	I	4	P4-05_R12	8	R	70	61	69	8.2	69	Yes	-	Yes	No
P	I	4	P4-05_R12	9	R	70	61	68	7.9	69	Yes	-	Yes	No
P	I	4	P4-05_R12	10	R	70	61	68	7.7	69	Yes	-	Yes	No
P	I	4	P4-05_R12	11	R	70	62	68	7.4	69	Yes	-	Yes	No
P	I	4	P4-05_R12	12	R	70	62	68	7.0	69	Yes	-	Yes	No
P	I	4	P4-05_R12	13	R	70	63	68	6.5	69	Yes	-	Yes	No
P	I	4	P4-05_R12	14	R	70	63	68	6.1	69	Yes	-	Yes	No
P	I	4	P4-05_R12	15	R	70	64	68	5.6	69	Yes	-	Yes	No
P	I	4	P4-05_R12	16	R	70	65	68	4.8	69	Yes	-	Yes	No
P	I	4	P4-05_R12	17	R	70	66	68	4.1	70	Yes	-	Yes	No
P	I	4	P4-05_R12	18	R	70	67	68	3.5	70	Yes	-	Yes	No
P	I	4	P4-05_R12	19	R	70	68	67	2.9	71	Yes	-	No	Yes
P	I	4	P4-05_R12	20	R	70	68	67	2.6	71	Yes	-	No	Yes
P	I	4	P4-05_R12	21	R	70	69	67	2.4	71	Yes	-	No	Yes
P	I	4	P4-05_R12	22	R	70	69	67	2.3	71	Yes	-	No	Yes
P	I	4	P4-05_R12	23	R	70	69	67	2.1	71	Yes	-	No	Yes
P	I	4	P4-05_R12	24	R	70	69	67	2.0	71	Yes	-	No	Yes
P	I	4	P4-05_R12	25	R	70	69	67	2.0	71	Yes	-	No	Yes
P	I	4	P4-05_R12	26	R	70	69	67	2.0	71	Yes	-	No	Yes
P	I	4	P4-05_R12	27	R	70	69	67	1.9	71	Yes	-	No	Yes
P	I	4	P4-05_R12	28	R	70	69	67	1.9	71	Yes	-	No	Yes
P	I	4	P4-05_R12	29	R	70	69	66	1.9	71	Yes	-	No	Yes
P	I	4	P4-05_R12	30	R	70	69	66	1.8	71	Yes	-	No	Yes
P	I	4	P4-05_R12	31	R	70	69	66	1.8	71	Yes	-	No	Yes
P	I	4	P4-05_R12	32	R	70	69	66	1.7	71	Yes	-	No	Yes
P	I	4	P4-05_R12	33	R	70	69	66	1.7	71	Yes	-	No	Yes
P	I	4	P4-05_R12	34	R	70	69	66	1.6	71	Yes	-	No	Yes
P	I	4	P4-05_R12	35	R	70	70	66	1.6	71	Yes	-	No	Yes
P	I	4	P4-05_R12	36	R	70	70	66	1.5	71	Yes	-	No	Yes
P	I	4	P4-05_R12	37	R	70	70	66	1.5	71	Yes	-	No	Yes
P	I	4	P4-05_R12	38	R	70	70	66	1.5	71	Yes	-	No	Yes
P	I	4	P4-05_R12	39	R	70	70	65	1.5	71	Yes	-	No	Yes
P	I	4	P4-05_R12	40	R	70	70	65	1.4	71	Yes	-	No	Yes
P	I	4	P4-05_R12	41	R	70	70	65	1.3	71	Yes	-	No	Yes
P	I	4	P4-05_R12	42	R	70	70	65	1.3	71	Yes	-	No	Yes
P	I	4	P4-05_R13	1	R	70	52	66	14.5	66	Yes	-	Yes	No
P	I	4	P4-05_R13	2	R	70	52	66	13.9	66	Yes	-	Yes	No
P	I	4	P4-05_R13	3	R	70	53	66	13.4	66	Yes	-	Yes	No
P	I	4	P4-05_R13	4	R	70	53	66	12.9	66	Yes	-	Yes	No
P	I	4	P4-05_R13	5	R	70	54	66	12.2	66	Yes	-	Yes	No
P	I	4	P4-05_R13	6	R	70	55	66	11.6	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R13	7	R	70	55	66	10.9	66	Yes	-	Yes	No
P	I	4	P4-05_R13	8	R	70	56	66	10.3	66	Yes	-	Yes	No
P	I	4	P4-05_R13	9	R	70	57	66	9.6	66	Yes	-	Yes	No
P	I	4	P4-05_R13	10	R	70	57	66	8.9	66	Yes	-	Yes	No
P	I	4	P4-05_R13	11	R	70	58	66	8.2	66	Yes	-	Yes	No
P	I	4	P4-05_R13	12	R	70	59	66	7.5	67	Yes	-	Yes	No
P	I	4	P4-05_R13	13	R	70	60	66	6.6	67	Yes	-	Yes	No
P	I	4	P4-05_R13	14	R	70	61	66	5.9	67	Yes	-	Yes	No
P	I	4	P4-05_R13	15	R	70	62	65	5.2	67	Yes	-	Yes	No
P	I	4	P4-05_R13	16	R	70	63	65	4.3	67	Yes	-	Yes	No
P	I	4	P4-05_R13	17	R	70	64	65	3.4	68	Yes	-	Yes	No
P	I	4	P4-05_R13	18	R	70	66	65	2.8	68	Yes	-	Yes	No
P	I	4	P4-05_R13	19	R	70	67	65	2.3	69	Yes	-	Yes	No
P	I	4	P4-05_R13	20	R	70	68	65	1.9	70	Yes	-	Yes	No
P	I	4	P4-05_R13	21	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-05_R13	22	R	70	69	65	1.4	70	Yes	-	Yes	No
P	I	4	P4-05_R13	23	R	70	69	65	1.4	71	Yes	-	No	Yes
P	I	4	P4-05_R13	24	R	70	69	65	1.2	71	Yes	-	No	Yes
P	I	4	P4-05_R13	25	R	70	69	65	1.2	71	Yes	-	No	Yes
P	I	4	P4-05_R13	26	R	70	70	65	1.1	71	Yes	-	No	Yes
P	I	4	P4-05_R13	27	R	70	70	64	1.2	71	Yes	-	No	Yes
P	I	4	P4-05_R13	28	R	70	70	64	1.2	71	Yes	-	No	Yes
P	I	4	P4-05_R13	29	R	70	70	64	1.1	71	Yes	-	No	Yes
P	I	4	P4-05_R13	30	R	70	70	64	1.1	71	Yes	-	No	Yes
P	I	4	P4-05_R13	31	R	70	70	64	1.1	71	Yes	-	No	Yes
P	I	4	P4-05_R13	32	R	70	70	64	1.1	71	Yes	-	No	Yes
P	I	4	P4-05_R13	33	R	70	70	64	1.0	71	Yes	-	No	Yes
P	I	4	P4-05_R13	34	R	70	70	64	1.0	71	Yes	-	No	Yes
P	I	4	P4-05_R13	35	R	70	69	64	1.1	71	Yes	-	No	Yes
P	I	4	P4-05_R13	36	R	70	69	64	1.0	70	Yes	-	Yes	No
P	I	4	P4-05_R13	37	R	70	69	64	1.0	70	Yes	-	Yes	No
P	I	4	P4-05_R13	38	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-05_R13	39	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-05_R13	40	R	70	69	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-05_R13	41	R	70	69	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-05_R14	1	R	70	53	67	13.9	67	Yes	-	Yes	No
P	I	4	P4-05_R14	2	R	70	54	67	13.4	67	Yes	-	Yes	No
P	I	4	P4-05_R14	3	R	70	54	67	12.9	67	Yes	-	Yes	No
P	I	4	P4-05_R14	4	R	70	55	67	12.4	67	Yes	-	Yes	No
P	I	4	P4-05_R14	5	R	70	55	67	11.9	67	Yes	-	Yes	No
P	I	4	P4-05_R14	6	R	70	56	67	11.3	67	Yes	-	Yes	No
P	I	4	P4-05_R14	7	R	70	56	67	10.9	67	Yes	-	Yes	No
P	I	4	P4-05_R14	8	R	70	57	67	10.4	67	Yes	-	Yes	No
P	I	4	P4-05_R14	9	R	70	57	67	9.8	67	Yes	-	Yes	No
P	I	4	P4-05_R14	10	R	70	58	67	9.3	67	Yes	-	Yes	No
P	I	4	P4-05_R14	11	R	70	59	67	8.8	67	Yes	-	Yes	No
P	I	4	P4-05_R14	12	R	70	59	67	8.2	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-05_R14	13	R	70	60	67	7.7	68	Yes	-	Yes	No
P	I	4	P4-05_R14	14	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	4	P4-05_R14	15	R	70	61	67	6.6	68	Yes	-	Yes	No
P	I	4	P4-05_R14	16	R	70	62	67	6.0	68	Yes	-	Yes	No
P	I	4	P4-05_R14	17	R	70	63	67	5.4	68	Yes	-	Yes	No
P	I	4	P4-05_R14	18	R	70	64	67	4.8	68	Yes	-	Yes	No
P	I	4	P4-05_R14	19	R	70	64	67	4.3	69	Yes	-	Yes	No
P	I	4	P4-05_R14	20	R	70	65	66	3.6	69	Yes	-	Yes	No
P	I	4	P4-05_R14	21	R	70	67	66	3.0	70	Yes	-	Yes	No
P	I	4	P4-05_R14	22	R	70	67	66	2.7	70	Yes	-	Yes	No
P	I	4	P4-05_R14	23	R	70	68	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-05_R14	24	R	70	69	66	1.8	71	Yes	-	No	Yes
P	I	4	P4-05_R14	25	R	70	70	66	1.5	71	Yes	-	No	Yes
P	I	4	P4-05_R14	26	R	70	70	66	1.5	72	Yes	-	No	Yes
P	I	4	P4-05_R14	27	R	70	70	66	1.3	72	Yes	-	No	Yes
P	I	4	P4-05_R14	28	R	70	71	66	1.3	72	Yes	-	No	Yes
P	I	4	P4-05_R14	29	R	70	71	66	1.1	72	Yes	-	No	Yes
P	I	4	P4-05_R14	30	R	70	71	66	1.1	72	Yes	-	No	Yes
P	I	4	P4-05_R14	31	R	70	71	66	1.1	72	Yes	-	No	Yes
P	I	4	P4-05_R14	32	R	70	71	66	1.0	72	Yes	-	No	Yes
P	I	4	P4-05_R14	33	R	70	71	66	1.0	72	Yes	-	No	Yes
P	I	4	P4-05_R14	34	R	70	71	65	1.0	72	Yes	-	No	Yes
P	I	4	P4-05_R14	35	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R14	36	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R14	37	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R14	38	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R14	39	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R14	40	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-05_R14	41	R	70	71	65	0.9	72	Yes	-	No	Yes
P	I	4	P4-06_R01	1	R	70	47	73	26.0	73	No	-	No	Yes
P	I	4	P4-06_R01	2	R	70	48	73	25.1	73	No	-	No	Yes
P	I	4	P4-06_R01	3	R	70	49	74	24.8	74	No	-	No	Yes
P	I	4	P4-06_R01	4	R	70	49	74	24.2	74	No	-	No	Yes
P	I	4	P4-06_R01	5	R	70	50	73	23.8	73	No	-	No	Yes
P	I	4	P4-06_R01	6	R	70	50	73	23.4	73	No	-	No	Yes
P	I	4	P4-06_R01	7	R	70	50	73	23.0	73	No	-	No	Yes
P	I	4	P4-06_R01	8	R	70	50	73	22.7	73	No	-	No	Yes
P	I	4	P4-06_R01	9	R	70	50	72	22.4	72	No	-	No	Yes
P	I	4	P4-06_R01	10	R	70	50	72	22.2	72	No	-	No	Yes
P	I	4	P4-06_R01	11	R	70	50	72	22.0	72	No	-	No	Yes
P	I	4	P4-06_R01	12	R	70	50	72	21.7	72	No	-	No	Yes
P	I	4	P4-06_R01	13	R	70	50	72	21.5	72	No	-	No	Yes
P	I	4	P4-06_R01	14	R	70	50	71	21.3	71	No	-	No	Yes
P	I	4	P4-06_R01	15	R	70	50	71	21.1	71	No	-	No	Yes
P	I	4	P4-06_R01	16	R	70	50	71	20.9	71	No	-	No	Yes
P	I	4	P4-06_R01	17	R	70	50	71	20.7	71	No	-	No	Yes
P	I	4	P4-06_R01	18	R	70	50	71	20.6	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-06_R01	19	R	70	50	70	20.4	70	Yes	-	Yes	No
P	I	4	P4-06_R01	20	R	70	50	70	20.2	70	Yes	-	Yes	No
P	I	4	P4-06_R01	21	R	70	50	70	20.1	70	Yes	-	Yes	No
P	I	4	P4-06_R01	22	R	70	50	70	20.0	70	Yes	-	Yes	No
P	I	4	P4-06_R01	23	R	70	50	70	19.9	70	Yes	-	Yes	No
P	I	4	P4-06_R01	24	R	70	50	70	19.7	70	Yes	-	Yes	No
P	I	4	P4-06_R01	25	R	70	50	69	19.6	70	Yes	-	Yes	No
P	I	4	P4-06_R01	26	R	70	50	69	19.4	69	Yes	-	Yes	No
P	I	4	P4-06_R01	27	R	70	50	69	19.3	69	Yes	-	Yes	No
P	I	4	P4-06_R01	28	R	70	50	69	19.1	69	Yes	-	Yes	No
P	I	4	P4-06_R01	29	R	70	50	69	18.9	69	Yes	-	Yes	No
P	I	4	P4-06_R01	30	R	70	50	69	18.6	69	Yes	-	Yes	No
P	I	4	P4-06_R01	31	R	70	50	69	18.4	69	Yes	-	Yes	No
P	I	4	P4-06_R01	32	R	70	51	69	18.1	69	Yes	-	Yes	No
P	I	4	P4-06_R01	33	R	70	51	68	17.7	69	Yes	-	Yes	No
P	I	4	P4-06_R01	34	R	70	51	68	17.3	68	Yes	-	Yes	No
P	I	4	P4-06_R01	35	R	70	52	68	16.8	68	Yes	-	Yes	No
P	I	4	P4-06_R01	36	R	70	52	68	16.3	68	Yes	-	Yes	No
P	I	4	P4-06_R01	37	R	70	52	68	15.8	68	Yes	-	Yes	No
P	I	4	P4-06_R01	38	R	70	53	68	15.5	68	Yes	-	Yes	No
P	I	4	P4-06_R01	39	R	70	53	68	15.3	68	Yes	-	Yes	No
P	I	4	P4-06_R11	1	R	70	52	74	21.1	74	No	-	No	Yes
P	I	4	P4-06_R11	2	R	70	54	73	19.8	73	No	-	No	Yes
P	I	4	P4-06_R11	3	R	70	54	73	18.9	73	No	-	No	Yes
P	I	4	P4-06_R11	4	R	70	55	73	18.3	73	No	-	No	Yes
P	I	4	P4-06_R11	5	R	70	55	73	17.6	73	No	-	No	Yes
P	I	4	P4-06_R11	6	R	70	56	73	17.3	73	No	-	No	Yes
P	I	4	P4-06_R11	7	R	70	56	73	16.8	73	No	-	No	Yes
P	I	4	P4-06_R11	8	R	70	56	72	16.4	72	No	-	No	Yes
P	I	4	P4-06_R11	9	R	70	56	72	16.1	72	No	-	No	Yes
P	I	4	P4-06_R11	10	R	70	56	72	15.7	72	No	-	No	Yes
P	I	4	P4-06_R11	11	R	70	56	72	15.5	72	No	-	No	Yes
P	I	4	P4-06_R11	12	R	70	56	71	15.2	72	No	-	No	Yes
P	I	4	P4-06_R11	13	R	70	56	71	15.0	71	No	-	No	Yes
P	I	4	P4-06_R11	14	R	70	56	71	14.7	71	No	-	No	Yes
P	I	4	P4-06_R11	15	R	70	56	71	14.5	71	No	-	No	Yes
P	I	4	P4-06_R11	16	R	70	56	71	14.4	71	No	-	No	Yes
P	I	4	P4-06_R11	17	R	70	57	70	14.1	71	Yes	-	No	Yes
P	I	4	P4-06_R11	18	R	70	57	70	13.9	70	Yes	-	Yes	No
P	I	4	P4-06_R11	19	R	70	57	70	13.8	70	Yes	-	Yes	No
P	I	4	P4-06_R11	20	R	70	57	70	13.6	70	Yes	-	Yes	No
P	I	4	P4-06_R11	21	R	70	57	70	13.5	70	Yes	-	Yes	No
P	I	4	P4-06_R11	22	R	70	57	70	13.3	70	Yes	-	Yes	No
P	I	4	P4-06_R11	23	R	70	57	70	13.2	70	Yes	-	Yes	No
P	I	4	P4-06_R11	24	R	70	57	69	13.1	70	Yes	-	Yes	No
P	I	4	P4-06_R11	25	R	70	57	69	12.8	69	Yes	-	Yes	No
P	I	4	P4-06_R11	26	R	70	57	69	12.7	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-06_R11	27	R	70	57	69	12.6	69	Yes	-	Yes	No
P	I	4	P4-06_R11	28	R	70	57	69	12.5	69	Yes	-	Yes	No
P	I	4	P4-06_R11	29	R	70	57	69	12.4	69	Yes	-	Yes	No
P	I	4	P4-06_R11	30	R	70	57	69	12.1	69	Yes	-	Yes	No
P	I	4	P4-06_R11	31	R	70	57	69	11.9	69	Yes	-	Yes	No
P	I	4	P4-06_R11	32	R	70	57	68	11.8	69	Yes	-	Yes	No
P	I	4	P4-06_R11	33	R	70	57	68	11.6	69	Yes	-	Yes	No
P	I	4	P4-06_R11	34	R	70	57	68	11.4	69	Yes	-	Yes	No
P	I	4	P4-06_R11	35	R	70	57	68	11.1	68	Yes	-	Yes	No
P	I	4	P4-06_R11	36	R	70	57	68	10.9	68	Yes	-	Yes	No
P	I	4	P4-06_R11	37	R	70	57	68	10.8	68	Yes	-	Yes	No
P	I	4	P4-06_R11	38	R	70	58	68	10.6	68	Yes	-	Yes	No
P	I	4	P4-06_R11	39	R	70	58	68	10.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	1	R	70	48	68	19.1	68	Yes	-	Yes	No
P	I	4	P4-06_R12	2	R	70	49	68	18.7	68	Yes	-	Yes	No
P	I	4	P4-06_R12	3	R	70	50	68	18.1	68	Yes	-	Yes	No
P	I	4	P4-06_R12	4	R	70	50	68	17.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	5	R	70	51	68	16.2	68	Yes	-	Yes	No
P	I	4	P4-06_R12	6	R	70	54	67	13.6	68	Yes	-	Yes	No
P	I	4	P4-06_R12	7	R	70	56	67	11.3	68	Yes	-	Yes	No
P	I	4	P4-06_R12	8	R	70	57	68	10.5	68	Yes	-	Yes	No
P	I	4	P4-06_R12	9	R	70	58	68	10.5	68	Yes	-	Yes	No
P	I	4	P4-06_R12	10	R	70	58	68	10.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	11	R	70	58	68	10.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	12	R	70	58	68	10.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	13	R	70	58	68	10.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	14	R	70	58	68	10.3	68	Yes	-	Yes	No
P	I	4	P4-06_R12	15	R	70	58	68	10.2	68	Yes	-	Yes	No
P	I	4	P4-06_R12	16	R	70	58	68	10.2	68	Yes	-	Yes	No
P	I	4	P4-06_R12	17	R	70	58	68	10.0	68	Yes	-	Yes	No
P	I	4	P4-06_R12	18	R	70	58	68	9.9	68	Yes	-	Yes	No
P	I	4	P4-06_R12	19	R	70	58	68	9.8	68	Yes	-	Yes	No
P	I	4	P4-06_R12	20	R	70	58	67	9.7	68	Yes	-	Yes	No
P	I	4	P4-06_R12	21	R	70	58	67	9.5	68	Yes	-	Yes	No
P	I	4	P4-06_R12	22	R	70	58	67	9.4	68	Yes	-	Yes	No
P	I	4	P4-06_R12	23	R	70	58	67	9.3	68	Yes	-	Yes	No
P	I	4	P4-06_R12	24	R	70	58	67	9.2	68	Yes	-	Yes	No
P	I	4	P4-06_R12	25	R	70	58	67	9.1	67	Yes	-	Yes	No
P	I	4	P4-06_R12	26	R	70	58	67	8.9	67	Yes	-	Yes	No
P	I	4	P4-06_R12	27	R	70	58	67	8.9	67	Yes	-	Yes	No
P	I	4	P4-06_R12	28	R	70	58	67	8.8	67	Yes	-	Yes	No
P	I	4	P4-06_R12	29	R	70	58	67	8.7	67	Yes	-	Yes	No
P	I	4	P4-06_R12	30	R	70	59	66	8.5	67	Yes	-	Yes	No
P	I	4	P4-06_R12	31	R	70	59	66	8.4	67	Yes	-	Yes	No
P	I	4	P4-06_R12	32	R	70	59	66	8.2	67	Yes	-	Yes	No
P	I	4	P4-06_R12	33	R	70	59	66	8.2	67	Yes	-	Yes	No
P	I	4	P4-06_R12	34	R	70	59	66	8.0	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-06_R12	35	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	4	P4-06_R12	36	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-06_R12	37	R	70	59	66	7.6	67	Yes	-	Yes	No
P	I	4	P4-06_R12	38	R	70	59	66	7.5	66	Yes	-	Yes	No
P	I	4	P4-06_R12	39	R	70	59	66	7.4	66	Yes	-	Yes	No
P	I	4	P4-08_E01	1	E	65	47	61	14.0	61	Yes	-	Yes	No
P	I	4	P4-08_E01	2	E	65	50	63	13.1	63	Yes	-	Yes	No
P	I	4	P4-08_E01	3	E	65	52	63	11.7	64	Yes	-	Yes	No
P	I	4	P4-08_E01	4	E	65	53	64	10.7	64	Yes	-	Yes	No
P	I	4	P4-08_E01	5	E	65	54	64	10.0	64	Yes	-	Yes	No
P	I	4	P4-08_E01	6	E	65	54	64	9.6	64	Yes	-	Yes	No
P	I	4	P4-08_E01	7	E	65	55	64	9.1	64	Yes	-	Yes	No
P	I	4	P4-08_E01	8	E	65	56	64	8.9	65	Yes	-	Yes	No
P	I	4	P4-08_E11	1	E	65	32	62	29.9	62	Yes	-	Yes	No
P	I	4	P4-08_E11	2	E	65	33	64	30.6	64	Yes	-	Yes	No
P	I	4	P4-08_E11	3	E	65	35	64	29.7	64	Yes	-	Yes	No
P	I	4	P4-08_E11	4	E	65	36	64	27.9	64	Yes	-	Yes	No
P	I	4	P4-08_E11	5	E	65	39	64	25.6	64	Yes	-	Yes	No
P	I	4	P4-08_E11	6	E	65	41	64	23.7	64	Yes	-	Yes	No
P	I	4	P4-08_E11	7	E	65	42	64	22.6	64	Yes	-	Yes	No
P	I	4	P4-08_E11	8	E	65	42	64	21.9	64	Yes	-	Yes	No
P	I	4	P4-10_R01	1	R	70	40	68	28.3	68	Yes	-	Yes	No
P	I	4	P4-10_R01	2	R	70	41	68	26.5	68	Yes	-	Yes	No
P	I	4	P4-10_R01	3	R	70	43	67	24.6	67	Yes	-	Yes	No
P	I	4	P4-10_R01	4	R	70	44	67	22.9	67	Yes	-	Yes	No
P	I	4	P4-10_R01	5	R	70	45	67	21.7	67	Yes	-	Yes	No
P	I	4	P4-10_R01	6	R	70	46	66	20.7	66	Yes	-	Yes	No
P	I	4	P4-10_R01	7	R	70	46	66	20.0	66	Yes	-	Yes	No
P	I	4	P4-10_R01	8	R	70	46	66	19.4	66	Yes	-	Yes	No
P	I	4	P4-10_R01	9	R	70	47	66	18.6	66	Yes	-	Yes	No
P	I	4	P4-10_R01	10	R	70	47	65	18.0	65	Yes	-	Yes	No
P	I	4	P4-10_R01	11	R	70	48	65	17.3	65	Yes	-	Yes	No
P	I	4	P4-10_R01	12	R	70	48	65	16.5	65	Yes	-	Yes	No
P	I	4	P4-10_R01	13	R	70	49	65	16.0	65	Yes	-	Yes	No
P	I	4	P4-10_R01	14	R	70	49	64	15.4	65	Yes	-	Yes	No
P	I	4	P4-10_R01	15	R	70	49	64	14.9	64	Yes	-	Yes	No
P	I	4	P4-10_R01	16	R	70	50	64	14.4	64	Yes	-	Yes	No
P	I	4	P4-10_R01	17	R	70	50	64	13.9	64	Yes	-	Yes	No
P	I	4	P4-10_R01	18	R	70	50	64	13.5	64	Yes	-	Yes	No
P	I	4	P4-10_R01	19	R	70	51	64	13.2	64	Yes	-	Yes	No
P	I	4	P4-10_R01	20	R	70	51	63	13.0	64	Yes	-	Yes	No
P	I	4	P4-10_R01	21	R	70	51	63	12.8	64	Yes	-	Yes	No
P	I	4	P4-10_R01	22	R	70	51	63	12.5	63	Yes	-	Yes	No
P	I	4	P4-10_R01	23	R	70	51	63	12.3	63	Yes	-	Yes	No
P	I	4	P4-10_R01	24	R	70	51	63	12.2	63	Yes	-	Yes	No
P	I	4	P4-10_R01	25	R	70	51	63	12.1	63	Yes	-	Yes	No
P	I	4	P4-10_R01	26	R	70	51	63	11.9	63	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-10_R01	27	R	70	51	63	11.8	63	Yes	-	Yes	No
P	I	4	P4-10_R01	28	R	70	51	62	11.6	63	Yes	-	Yes	No
P	I	4	P4-10_R01	29	R	70	51	62	11.7	63	Yes	-	Yes	No
P	I	4	P4-10_R01	30	R	70	51	62	11.6	63	Yes	-	Yes	No
P	I	4	P4-10_R01	31	R	70	51	62	11.5	62	Yes	-	Yes	No
P	I	4	P4-10_R01	32	R	70	51	62	11.4	62	Yes	-	Yes	No
P	I	4	P4-10_R01	33	R	70	51	62	11.4	62	Yes	-	Yes	No
P	I	4	P4-10_R01	34	R	70	51	62	11.3	62	Yes	-	Yes	No
P	I	4	P4-10_R01	35	R	70	51	62	11.2	62	Yes	-	Yes	No
P	I	4	P4-10_R01	36	R	70	51	62	11.2	62	Yes	-	Yes	No
P	I	4	P4-10_R01	37	R	70	51	62	11.1	62	Yes	-	Yes	No
P	I	4	P4-10_R01	38	R	70	51	61	11.1	62	Yes	-	Yes	No
P	I	4	P4-10_R01	39	R	70	51	61	11.0	62	Yes	-	Yes	No
P	I	4	P4-10_R01	40	R	70	51	61	11.0	62	Yes	-	Yes	No
P	I	4	P4-20_R01	1	R	70	38	64	25.9	64	Yes	-	Yes	No
P	I	4	P4-20_R01	2	R	70	38	64	25.7	64	Yes	-	Yes	No
P	I	4	P4-20_R01	3	R	70	39	64	25.4	64	Yes	-	Yes	No
P	I	4	P4-20_R02	1	R	70	61	64	4.8	66	Yes	-	Yes	No
P	I	4	P4-20_R02	2	R	70	63	65	4.3	67	Yes	-	Yes	No
P	I	4	P4-20_R02	3	R	70	64	66	4.1	68	Yes	-	Yes	No
P	I	4	P4-20_R03	1	R	70	60	68	8.8	69	Yes	-	Yes	No
P	I	4	P4-20_R03	2	R	70	62	69	7.8	69	Yes	-	Yes	No
P	I	4	P4-20_R03	3	R	70	63	69	7.2	70	Yes	-	Yes	No
P	I	4	P4-20_R04	1	R	70	63	71	8.8	71	No	-	No	Yes
P	I	4	P4-20_R04	2	R	70	63	71	8.9	72	No	-	No	Yes
P	I	4	P4-20_R04	3	R	70	63	71	9.1	72	No	-	No	Yes
P	I	4	P4-22_R01	1	R	70	50	64	14.3	64	Yes	-	Yes	No
P	I	4	P4-22_R01	2	R	70	51	64	13.1	64	Yes	-	Yes	No
P	I	4	P4-22_R01	3	R	70	53	65	12.1	65	Yes	-	Yes	No
P	I	4	P4-22_R01	4	R	70	53	65	12.4	66	Yes	-	Yes	No
P	I	4	P4-22_R01	5	R	70	53	66	12.9	66	Yes	-	Yes	No
P	I	4	P4-22_R01	6	R	70	53	67	13.4	67	Yes	-	Yes	No
P	I	4	P4-22_R01	7	R	70	53	67	13.8	67	Yes	-	Yes	No
P	I	4	P4-22_R01	8	R	70	53	67	14.1	68	Yes	-	Yes	No
P	I	4	P4-22_R01	9	R	70	54	67	14.1	68	Yes	-	Yes	No
P	I	4	P4-22_R01	10	R	70	54	67	14.0	68	Yes	-	Yes	No
P	I	4	P4-22_R01	11	R	70	54	67	13.8	68	Yes	-	Yes	No
P	I	4	P4-22_R01	12	R	70	54	67	13.6	68	Yes	-	Yes	No
P	I	4	P4-22_R01	13	R	70	54	67	13.2	67	Yes	-	Yes	No
P	I	4	P4-22_R01	14	R	70	55	67	12.7	67	Yes	-	Yes	No
P	I	4	P4-22_R01	15	R	70	56	67	11.8	67	Yes	-	Yes	No
P	I	4	P4-22_R01	16	R	70	57	67	10.5	67	Yes	-	Yes	No
P	I	4	P4-22_R01	17	R	70	58	67	9.5	67	Yes	-	Yes	No
P	I	4	P4-22_R01	18	R	70	59	67	8.8	67	Yes	-	Yes	No
P	I	4	P4-22_R01	19	R	70	59	67	8.3	67	Yes	-	Yes	No
P	I	4	P4-22_R01	20	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-22_R01	21	R	70	60	66	7.5	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R01	22	R	70	60	66	7.2	67	Yes	-	Yes	No
P	I	4	P4-22_R01	23	R	70	60	66	7.0	67	Yes	-	Yes	No
P	I	4	P4-22_R01	24	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-22_R01	25	R	70	60	66	6.8	67	Yes	-	Yes	No
P	I	4	P4-22_R01	26	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	4	P4-22_R01	27	R	70	60	66	6.6	67	Yes	-	Yes	No
P	I	4	P4-22_R01	28	R	70	60	66	6.5	67	Yes	-	Yes	No
P	I	4	P4-22_R01	29	R	70	60	66	6.4	67	Yes	-	Yes	No
P	I	4	P4-22_R01	30	R	70	60	65	6.4	67	Yes	-	Yes	No
P	I	4	P4-22_R01	31	R	70	60	65	6.3	67	Yes	-	Yes	No
P	I	4	P4-22_R01	32	R	70	60	65	6.3	67	Yes	-	Yes	No
P	I	4	P4-22_R01	33	R	70	60	65	6.2	66	Yes	-	Yes	No
P	I	4	P4-22_R11	1	R	70	58	64	6.4	65	Yes	-	Yes	No
P	I	4	P4-22_R11	2	R	70	58	64	6.3	65	Yes	-	Yes	No
P	I	4	P4-22_R11	3	R	70	59	63	6.1	65	Yes	-	Yes	No
P	I	4	P4-22_R11	4	R	70	59	63	6.0	65	Yes	-	Yes	No
P	I	4	P4-22_R11	5	R	70	59	63	5.8	64	Yes	-	Yes	No
P	I	4	P4-22_R11	6	R	70	59	63	5.7	64	Yes	-	Yes	No
P	I	4	P4-22_R11	7	R	70	59	63	5.6	64	Yes	-	Yes	No
P	I	4	P4-22_R11	8	R	70	59	63	5.4	64	Yes	-	Yes	No
P	I	4	P4-22_R11	9	R	70	59	62	5.3	64	Yes	-	Yes	No
P	I	4	P4-22_R11	10	R	70	59	62	5.2	64	Yes	-	Yes	No
P	I	4	P4-22_R11	11	R	70	59	62	5.0	64	Yes	-	Yes	No
P	I	4	P4-22_R11	12	R	70	59	62	4.8	64	Yes	-	Yes	No
P	I	4	P4-22_R11	13	R	70	59	62	4.8	64	Yes	-	Yes	No
P	I	4	P4-22_R11	14	R	70	59	62	4.5	64	Yes	-	Yes	No
P	I	4	P4-22_R11	15	R	70	60	62	4.0	64	Yes	-	Yes	No
P	I	4	P4-22_R11	16	R	70	60	62	3.6	64	Yes	-	Yes	No
P	I	4	P4-22_R11	17	R	70	61	61	3.2	64	Yes	-	Yes	No
P	I	4	P4-22_R11	18	R	70	62	61	2.9	65	Yes	-	Yes	No
P	I	4	P4-22_R11	19	R	70	62	61	2.8	65	Yes	-	Yes	No
P	I	4	P4-22_R11	20	R	70	62	61	2.7	65	Yes	-	Yes	No
P	I	4	P4-22_R11	21	R	70	62	61	2.7	65	Yes	-	Yes	No
P	I	4	P4-22_R11	22	R	70	62	61	2.6	65	Yes	-	Yes	No
P	I	4	P4-22_R11	23	R	70	62	61	2.6	65	Yes	-	Yes	No
P	I	4	P4-22_R11	24	R	70	62	62	2.7	65	Yes	-	Yes	No
P	I	4	P4-22_R11	25	R	70	62	62	2.6	65	Yes	-	Yes	No
P	I	4	P4-22_R11	26	R	70	62	62	2.6	65	Yes	-	Yes	No
P	I	4	P4-22_R11	27	R	70	62	62	2.6	65	Yes	-	Yes	No
P	I	4	P4-22_R11	28	R	70	63	62	2.6	65	Yes	-	Yes	No
P	I	4	P4-22_R11	29	R	70	63	62	2.4	65	Yes	-	Yes	No
P	I	4	P4-22_R11	30	R	70	63	62	2.4	65	Yes	-	Yes	No
P	I	4	P4-22_R11	31	R	70	63	62	2.3	65	Yes	-	Yes	No
P	I	4	P4-22_R11	32	R	70	63	61	2.3	65	Yes	-	Yes	No
P	I	4	P4-22_R11	33	R	70	63	61	2.2	65	Yes	-	Yes	No
P	I	4	P4-22_R21	1	R	70	35	67	31.4	67	Yes	-	Yes	No
P	I	4	P4-22_R21	2	R	70	35	66	31.1	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R21	3	R	70	35	66	30.9	66	Yes	-	Yes	No
P	I	4	P4-22_R21	4	R	70	36	66	30.4	66	Yes	-	Yes	No
P	I	4	P4-22_R21	5	R	70	36	66	29.4	66	Yes	-	Yes	No
P	I	4	P4-22_R21	6	R	70	37	66	28.1	66	Yes	-	Yes	No
P	I	4	P4-22_R21	7	R	70	39	65	26.7	65	Yes	-	Yes	No
P	I	4	P4-22_R21	8	R	70	40	65	25.1	65	Yes	-	Yes	No
P	I	4	P4-22_R21	9	R	70	41	65	23.4	65	Yes	-	Yes	No
P	I	4	P4-22_R21	10	R	70	43	65	21.4	65	Yes	-	Yes	No
P	I	4	P4-22_R21	11	R	70	45	64	19.1	64	Yes	-	Yes	No
P	I	4	P4-22_R21	12	R	70	48	64	16.3	64	Yes	-	Yes	No
P	I	4	P4-22_R21	13	R	70	52	64	12.0	64	Yes	-	Yes	No
P	I	4	P4-22_R21	14	R	70	56	64	8.1	64	Yes	-	Yes	No
P	I	4	P4-22_R21	15	R	70	58	64	6.6	65	Yes	-	Yes	No
P	I	4	P4-22_R21	16	R	70	59	63	5.9	65	Yes	-	Yes	No
P	I	4	P4-22_R21	17	R	70	59	63	5.5	65	Yes	-	Yes	No
P	I	4	P4-22_R21	18	R	70	60	63	5.2	65	Yes	-	Yes	No
P	I	4	P4-22_R21	19	R	70	60	63	4.8	65	Yes	-	Yes	No
P	I	4	P4-22_R21	20	R	70	61	63	4.5	65	Yes	-	Yes	No
P	I	4	P4-22_R21	21	R	70	61	63	4.1	65	Yes	-	Yes	No
P	I	4	P4-22_R21	22	R	70	62	63	3.8	65	Yes	-	Yes	No
P	I	4	P4-22_R21	23	R	70	62	63	3.4	66	Yes	-	Yes	No
P	I	4	P4-22_R21	24	R	70	63	63	3.1	66	Yes	-	Yes	No
P	I	4	P4-22_R21	25	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	4	P4-22_R21	26	R	70	63	63	2.9	66	Yes	-	Yes	No
P	I	4	P4-22_R21	27	R	70	63	63	2.7	66	Yes	-	Yes	No
P	I	4	P4-22_R21	28	R	70	63	63	2.8	66	Yes	-	Yes	No
P	I	4	P4-22_R21	29	R	70	63	63	2.7	66	Yes	-	Yes	No
P	I	4	P4-22_R21	30	R	70	63	63	2.7	66	Yes	-	Yes	No
P	I	4	P4-22_R21	31	R	70	63	63	2.7	66	Yes	-	Yes	No
P	I	4	P4-22_R21	32	R	70	63	63	2.7	66	Yes	-	Yes	No
P	I	4	P4-22_R21	33	R	70	63	63	2.7	66	Yes	-	Yes	No
P	I	4	P4-22_R22	1	R	70	63	68	6.5	69	Yes	-	Yes	No
P	I	4	P4-22_R22	2	R	70	63	68	6.2	69	Yes	-	Yes	No
P	I	4	P4-22_R22	3	R	70	63	67	5.7	69	Yes	-	Yes	No
P	I	4	P4-22_R22	4	R	70	63	67	5.5	69	Yes	-	Yes	No
P	I	4	P4-22_R22	5	R	70	63	67	5.3	69	Yes	-	Yes	No
P	I	4	P4-22_R22	6	R	70	63	67	5.1	68	Yes	-	Yes	No
P	I	4	P4-22_R22	7	R	70	63	67	4.9	68	Yes	-	Yes	No
P	I	4	P4-22_R22	8	R	70	63	66	4.7	68	Yes	-	Yes	No
P	I	4	P4-22_R22	9	R	70	63	66	4.5	68	Yes	-	Yes	No
P	I	4	P4-22_R22	10	R	70	63	66	4.4	68	Yes	-	Yes	No
P	I	4	P4-22_R22	11	R	70	63	65	4.1	67	Yes	-	Yes	No
P	I	4	P4-22_R22	12	R	70	63	65	4.0	67	Yes	-	Yes	No
P	I	4	P4-22_R22	13	R	70	64	65	3.8	67	Yes	-	Yes	No
P	I	4	P4-22_R22	14	R	70	64	65	3.4	67	Yes	-	Yes	No
P	I	4	P4-22_R22	15	R	70	64	65	3.3	67	Yes	-	Yes	No
P	I	4	P4-22_R22	16	R	70	64	65	3.2	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R22	17	R	70	64	64	3.0	67	Yes	-	Yes	No
P	I	4	P4-22_R22	18	R	70	65	64	2.8	67	Yes	-	Yes	No
P	I	4	P4-22_R22	19	R	70	65	64	2.6	68	Yes	-	Yes	No
P	I	4	P4-22_R22	20	R	70	65	64	2.5	68	Yes	-	Yes	No
P	I	4	P4-22_R22	21	R	70	65	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R22	22	R	70	66	64	2.1	68	Yes	-	Yes	No
P	I	4	P4-22_R22	23	R	70	66	64	2.0	68	Yes	-	Yes	No
P	I	4	P4-22_R22	24	R	70	66	63	1.9	68	Yes	-	Yes	No
P	I	4	P4-22_R22	25	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	26	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	27	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	28	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	29	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	30	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	31	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-22_R22	32	R	70	66	63	1.7	68	Yes	-	Yes	No
P	I	4	P4-22_R22	33	R	70	66	63	1.7	67	Yes	-	Yes	No
P	I	4	P4-22_R23	1	R	70	62	68	7.0	69	Yes	-	Yes	No
P	I	4	P4-22_R23	2	R	70	63	68	6.1	69	Yes	-	Yes	No
P	I	4	P4-22_R23	3	R	70	63	67	5.7	69	Yes	-	Yes	No
P	I	4	P4-22_R23	4	R	70	63	67	5.4	68	Yes	-	Yes	No
P	I	4	P4-22_R23	5	R	70	63	67	5.3	68	Yes	-	Yes	No
P	I	4	P4-22_R23	6	R	70	63	67	5.1	68	Yes	-	Yes	No
P	I	4	P4-22_R23	7	R	70	63	66	5.0	68	Yes	-	Yes	No
P	I	4	P4-22_R23	8	R	70	63	66	4.8	68	Yes	-	Yes	No
P	I	4	P4-22_R23	9	R	70	63	66	4.7	67	Yes	-	Yes	No
P	I	4	P4-22_R23	10	R	70	63	65	4.5	67	Yes	-	Yes	No
P	I	4	P4-22_R23	11	R	70	63	65	4.4	67	Yes	-	Yes	No
P	I	4	P4-22_R23	12	R	70	63	65	4.2	67	Yes	-	Yes	No
P	I	4	P4-22_R23	13	R	70	63	65	4.0	67	Yes	-	Yes	No
P	I	4	P4-22_R23	14	R	70	63	64	3.8	67	Yes	-	Yes	No
P	I	4	P4-22_R23	15	R	70	64	64	3.4	67	Yes	-	Yes	No
P	I	4	P4-22_R23	16	R	70	64	64	3.1	67	Yes	-	Yes	No
P	I	4	P4-22_R23	17	R	70	64	64	2.9	67	Yes	-	Yes	No
P	I	4	P4-22_R23	18	R	70	65	64	2.6	68	Yes	-	Yes	No
P	I	4	P4-22_R23	19	R	70	65	64	2.4	68	Yes	-	Yes	No
P	I	4	P4-22_R23	20	R	70	66	64	2.3	68	Yes	-	Yes	No
P	I	4	P4-22_R23	21	R	70	66	64	2.3	68	Yes	-	Yes	No
P	I	4	P4-22_R23	22	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	23	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	24	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	25	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	26	R	70	66	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	27	R	70	65	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	28	R	70	65	64	2.2	68	Yes	-	Yes	No
P	I	4	P4-22_R23	29	R	70	65	64	2.2	67	Yes	-	Yes	No
P	I	4	P4-22_R23	30	R	70	65	63	2.2	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R23	31	R	70	65	63	2.3	67	Yes	-	Yes	No
P	I	4	P4-22_R23	32	R	70	65	63	2.3	67	Yes	-	Yes	No
P	I	4	P4-22_R23	33	R	70	65	63	2.4	67	Yes	-	Yes	No
P	I	4	P4-22_R24	1	R	70	55	0	0.0	55	Yes	-	Yes	No
P	I	4	P4-22_R24	2	R	70	59	0	0.0	59	Yes	-	Yes	No
P	I	4	P4-22_R24	3	R	70	63	0	0.0	63	Yes	-	Yes	No
P	I	4	P4-22_R24	4	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R24	5	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	6	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	7	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	8	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	9	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	10	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	11	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	12	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-22_R24	13	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	14	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	15	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	16	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	17	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	18	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	19	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	20	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	21	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	22	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	23	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-22_R24	24	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	25	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	26	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	27	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	28	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	29	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	30	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	31	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	32	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R24	33	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-22_R25	1	R	70	52	21	0.0	52	Yes	-	Yes	No
P	I	4	P4-22_R25	2	R	70	54	21	0.0	54	Yes	-	Yes	No
P	I	4	P4-22_R25	3	R	70	56	21	0.0	56	Yes	-	Yes	No
P	I	4	P4-22_R25	4	R	70	58	21	0.0	58	Yes	-	Yes	No
P	I	4	P4-22_R25	5	R	70	60	21	0.0	60	Yes	-	Yes	No
P	I	4	P4-22_R25	6	R	70	63	21	0.0	63	Yes	-	Yes	No
P	I	4	P4-22_R25	7	R	70	64	21	0.0	64	Yes	-	Yes	No
P	I	4	P4-22_R25	8	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	9	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	10	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	11	R	70	66	21	0.0	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R25	12	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	13	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	14	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	15	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	16	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	17	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	18	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	19	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	20	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	21	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	22	R	70	66	21	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R25	23	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	24	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	25	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	26	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	27	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	28	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	29	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	30	R	70	65	20	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	31	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	32	R	70	65	21	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R25	33	R	70	65	22	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R31	1	R	70	52	36	0.1	52	Yes	-	Yes	No
P	I	4	P4-22_R31	2	R	70	55	37	0.0	55	Yes	-	Yes	No
P	I	4	P4-22_R31	3	R	70	57	38	0.0	57	Yes	-	Yes	No
P	I	4	P4-22_R31	4	R	70	61	39	0.0	61	Yes	-	Yes	No
P	I	4	P4-22_R31	5	R	70	63	40	0.0	63	Yes	-	Yes	No
P	I	4	P4-22_R31	6	R	70	65	42	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	7	R	70	65	43	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R31	8	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	9	R	70	66	47	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	10	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	11	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	12	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	13	R	70	66	49	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R31	14	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	15	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	16	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	17	R	70	65	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R31	18	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	19	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	20	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	21	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	22	R	70	65	49	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R31	23	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	24	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	25	R	70	65	49	0.1	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R31	26	R	70	65	50	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R31	27	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	28	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	29	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	30	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	31	R	70	64	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R31	32	R	70	64	49	0.1	64	Yes	-	Yes	No
P	I	4	P4-22_R31	33	R	70	64	49	0.2	64	Yes	-	Yes	No
P	I	4	P4-22_R32	1	R	70	52	38	0.2	52	Yes	-	Yes	No
P	I	4	P4-22_R32	2	R	70	56	39	0.1	56	Yes	-	Yes	No
P	I	4	P4-22_R32	3	R	70	60	41	0.0	60	Yes	-	Yes	No
P	I	4	P4-22_R32	4	R	70	63	42	0.0	63	Yes	-	Yes	No
P	I	4	P4-22_R32	5	R	70	65	44	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	6	R	70	65	45	0.0	65	Yes	-	Yes	No
P	I	4	P4-22_R32	7	R	70	66	47	0.0	66	Yes	-	Yes	No
P	I	4	P4-22_R32	8	R	70	65	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R32	9	R	70	65	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-22_R32	10	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	11	R	70	65	50	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	12	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	13	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	14	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	15	R	70	65	50	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	16	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	17	R	70	65	50	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	18	R	70	65	50	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	19	R	70	65	51	0.1	65	Yes	-	Yes	No
P	I	4	P4-22_R32	20	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	21	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	22	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	23	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	24	R	70	65	52	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	25	R	70	65	52	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	26	R	70	65	52	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	27	R	70	65	52	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	28	R	70	64	52	0.2	65	Yes	-	Yes	No
P	I	4	P4-22_R32	29	R	70	64	52	0.3	65	Yes	-	Yes	No
P	I	4	P4-22_R32	30	R	70	64	52	0.3	65	Yes	-	Yes	No
P	I	4	P4-22_R32	31	R	70	64	52	0.2	64	Yes	-	Yes	No
P	I	4	P4-22_R32	32	R	70	64	52	0.2	64	Yes	-	Yes	No
P	I	4	P4-22_R32	33	R	70	64	52	0.2	64	Yes	-	Yes	No
P	I	4	P4-22_R33	1	R	70	66	60	0.9	67	Yes	-	Yes	No
P	I	4	P4-22_R33	2	R	70	67	61	0.9	68	Yes	-	Yes	No
P	I	4	P4-22_R33	3	R	70	69	61	0.7	69	Yes	-	Yes	No
P	I	4	P4-22_R33	4	R	70	69	61	0.6	70	Yes	-	Yes	No
P	I	4	P4-22_R33	5	R	70	70	62	0.7	70	Yes	-	Yes	No
P	I	4	P4-22_R33	6	R	70	70	62	0.7	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R33	7	R	70	70	62	0.7	71	Yes	-	No	Yes
P	I	4	P4-22_R33	8	R	70	70	63	0.7	71	Yes	-	No	Yes
P	I	4	P4-22_R33	9	R	70	70	63	0.8	71	Yes	-	No	Yes
P	I	4	P4-22_R33	10	R	70	70	63	0.7	71	Yes	-	No	Yes
P	I	4	P4-22_R33	11	R	70	70	63	0.8	71	Yes	-	No	Yes
P	I	4	P4-22_R33	12	R	70	70	63	0.8	70	Yes	-	Yes	No
P	I	4	P4-22_R33	13	R	70	70	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-22_R33	14	R	70	70	63	0.8	70	Yes	-	Yes	No
P	I	4	P4-22_R33	15	R	70	69	63	0.8	70	Yes	-	Yes	No
P	I	4	P4-22_R33	16	R	70	69	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-22_R33	17	R	70	69	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-22_R33	18	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	19	R	70	69	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-22_R33	20	R	70	69	63	0.9	70	Yes	-	Yes	No
P	I	4	P4-22_R33	21	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	22	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	23	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	24	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	25	R	70	69	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-22_R33	26	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	27	R	70	69	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-22_R33	28	R	70	69	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-22_R33	29	R	70	69	63	1.0	70	Yes	-	Yes	No
P	I	4	P4-22_R33	30	R	70	68	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-22_R33	31	R	70	68	63	1.1	70	Yes	-	Yes	No
P	I	4	P4-22_R33	32	R	70	68	63	1.1	69	Yes	-	Yes	No
P	I	4	P4-22_R33	33	R	70	68	63	1.1	69	Yes	-	Yes	No
P	I	4	P4-22_R34	1	R	70	68	62	0.9	69	Yes	-	Yes	No
P	I	4	P4-22_R34	2	R	70	68	62	1.0	69	Yes	-	Yes	No
P	I	4	P4-22_R34	3	R	70	68	63	1.0	69	Yes	-	Yes	No
P	I	4	P4-22_R34	4	R	70	68	63	1.2	70	Yes	-	Yes	No
P	I	4	P4-22_R34	5	R	70	68	64	1.2	70	Yes	-	Yes	No
P	I	4	P4-22_R34	6	R	70	68	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-22_R34	7	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-22_R34	8	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-22_R34	9	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-22_R34	10	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-22_R34	11	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	12	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	13	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	14	R	70	69	64	1.3	70	Yes	-	Yes	No
P	I	4	P4-22_R34	15	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	16	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	17	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	18	R	70	69	64	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	19	R	70	69	65	1.4	70	Yes	-	Yes	No
P	I	4	P4-22_R34	20	R	70	69	65	1.4	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R34	21	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	22	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	23	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	24	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	25	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	26	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	27	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	28	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	29	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	30	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	31	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	32	R	70	69	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R34	33	R	70	69	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-22_R41	1	R	70	61	63	4.1	65	Yes	-	Yes	No
P	I	4	P4-22_R41	2	R	70	62	63	3.9	66	Yes	-	Yes	No
P	I	4	P4-22_R41	3	R	70	63	64	3.6	67	Yes	-	Yes	No
P	I	4	P4-22_R41	4	R	70	64	65	3.3	67	Yes	-	Yes	No
P	I	4	P4-22_R41	5	R	70	64	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	6	R	70	65	65	3.3	68	Yes	-	Yes	No
P	I	4	P4-22_R41	7	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	8	R	70	65	65	3.3	68	Yes	-	Yes	No
P	I	4	P4-22_R41	9	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	10	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	11	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	12	R	70	65	65	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	13	R	70	65	66	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	14	R	70	65	66	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	15	R	70	65	66	3.2	68	Yes	-	Yes	No
P	I	4	P4-22_R41	16	R	70	65	66	3.1	68	Yes	-	Yes	No
P	I	4	P4-22_R41	17	R	70	65	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R41	18	R	70	65	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R41	19	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R41	20	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R41	21	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R41	22	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R41	23	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R41	24	R	70	66	66	2.9	69	Yes	-	Yes	No
P	I	4	P4-22_R41	25	R	70	66	66	2.9	69	Yes	-	Yes	No
P	I	4	P4-22_R41	26	R	70	66	66	2.8	69	Yes	-	Yes	No
P	I	4	P4-22_R41	27	R	70	66	66	2.7	69	Yes	-	Yes	No
P	I	4	P4-22_R41	28	R	70	67	66	2.7	69	Yes	-	Yes	No
P	I	4	P4-22_R41	29	R	70	67	66	2.5	69	Yes	-	Yes	No
P	I	4	P4-22_R41	30	R	70	67	66	2.4	69	Yes	-	Yes	No
P	I	4	P4-22_R41	31	R	70	67	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-22_R41	32	R	70	67	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-22_R41	33	R	70	68	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-22_R42	1	R	70	63	63	3.1	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-22_R42	2	R	70	64	64	3.3	67	Yes	-	Yes	No
P	I	4	P4-22_R42	3	R	70	64	65	3.3	67	Yes	-	Yes	No
P	I	4	P4-22_R42	4	R	70	65	65	3.3	68	Yes	-	Yes	No
P	I	4	P4-22_R42	5	R	70	65	66	3.3	68	Yes	-	Yes	No
P	I	4	P4-22_R42	6	R	70	65	66	3.2	69	Yes	-	Yes	No
P	I	4	P4-22_R42	7	R	70	65	66	3.2	69	Yes	-	Yes	No
P	I	4	P4-22_R42	8	R	70	66	66	3.2	69	Yes	-	Yes	No
P	I	4	P4-22_R42	9	R	70	66	66	3.3	69	Yes	-	Yes	No
P	I	4	P4-22_R42	10	R	70	66	66	3.2	69	Yes	-	Yes	No
P	I	4	P4-22_R42	11	R	70	66	66	3.2	69	Yes	-	Yes	No
P	I	4	P4-22_R42	12	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R42	13	R	70	66	66	3.2	69	Yes	-	Yes	No
P	I	4	P4-22_R42	14	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R42	15	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R42	16	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R42	17	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	4	P4-22_R42	18	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R42	19	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R42	20	R	70	66	66	2.9	69	Yes	-	Yes	No
P	I	4	P4-22_R42	21	R	70	66	66	3.0	69	Yes	-	Yes	No
P	I	4	P4-22_R42	22	R	70	67	66	3.0	70	Yes	-	Yes	No
P	I	4	P4-22_R42	23	R	70	67	66	2.8	70	Yes	-	Yes	No
P	I	4	P4-22_R42	24	R	70	67	66	2.8	70	Yes	-	Yes	No
P	I	4	P4-22_R42	25	R	70	67	66	2.8	70	Yes	-	Yes	No
P	I	4	P4-22_R42	26	R	70	67	66	2.7	70	Yes	-	Yes	No
P	I	4	P4-22_R42	27	R	70	67	66	2.6	70	Yes	-	Yes	No
P	I	4	P4-22_R42	28	R	70	67	66	2.5	70	Yes	-	Yes	No
P	I	4	P4-22_R42	29	R	70	68	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-22_R42	30	R	70	68	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-22_R42	31	R	70	68	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-22_R42	32	R	70	68	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-22_R42	33	R	70	68	66	2.1	71	Yes	-	No	Yes
P	I	4	P4-24_R01	1	R	70	67	72	5.9	73	No	-	No	Yes
P	I	4	P4-24_R01	2	R	70	67	72	5.6	73	No	-	No	Yes
P	I	4	P4-24_R01	3	R	70	67	71	5.4	73	No	-	No	Yes
P	I	4	P4-24_R01	4	R	70	67	71	5.1	72	No	-	No	Yes
P	I	4	P4-24_R01	5	R	70	67	70	4.9	72	Yes	-	No	Yes
P	I	4	P4-24_R01	6	R	70	67	70	4.8	72	Yes	-	No	Yes
P	I	4	P4-24_R01	7	R	70	67	70	4.6	72	Yes	-	No	Yes
P	I	4	P4-24_R01	8	R	70	67	69	4.5	71	Yes	-	No	Yes
P	I	4	P4-24_R01	9	R	70	67	69	4.3	71	Yes	-	No	Yes
P	I	4	P4-24_R01	10	R	70	67	69	4.2	71	Yes	-	No	Yes
P	I	4	P4-24_R01	11	R	70	67	69	4.1	71	Yes	-	No	Yes
P	I	4	P4-24_R01	12	R	70	66	68	4.0	70	Yes	-	Yes	No
P	I	4	P4-24_R01	13	R	70	66	68	4.0	70	Yes	-	Yes	No
P	I	4	P4-24_R01	14	R	70	66	68	4.0	70	Yes	-	Yes	No
P	I	4	P4-24_R01	15	R	70	66	68	3.9	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R01	16	R	70	66	67	3.8	70	Yes	-	Yes	No
P	I	4	P4-24_R01	17	R	70	66	67	3.8	70	Yes	-	Yes	No
P	I	4	P4-24_R01	18	R	70	66	67	3.7	69	Yes	-	Yes	No
P	I	4	P4-24_R01	19	R	70	66	67	3.7	69	Yes	-	Yes	No
P	I	4	P4-24_R01	20	R	70	66	67	3.6	69	Yes	-	Yes	No
P	I	4	P4-24_R01	21	R	70	65	67	3.6	69	Yes	-	Yes	No
P	I	4	P4-24_R01	22	R	70	65	66	3.6	69	Yes	-	Yes	No
P	I	4	P4-24_R01	23	R	70	65	66	3.6	69	Yes	-	Yes	No
P	I	4	P4-24_R01	24	R	70	65	66	3.6	69	Yes	-	Yes	No
P	I	4	P4-24_R01	25	R	70	65	66	3.4	69	Yes	-	Yes	No
P	I	4	P4-24_R01	26	R	70	65	66	3.5	69	Yes	-	Yes	No
P	I	4	P4-24_R01	27	R	70	65	66	3.4	68	Yes	-	Yes	No
P	I	4	P4-24_R01	28	R	70	65	66	3.4	68	Yes	-	Yes	No
P	I	4	P4-24_R01	29	R	70	65	66	3.4	68	Yes	-	Yes	No
P	I	4	P4-24_R02	1	R	70	60	70	10.1	70	Yes	-	Yes	No
P	I	4	P4-24_R02	2	R	70	60	70	9.9	70	Yes	-	Yes	No
P	I	4	P4-24_R02	3	R	70	60	70	9.7	70	Yes	-	Yes	No
P	I	4	P4-24_R02	4	R	70	60	69	9.4	70	Yes	-	Yes	No
P	I	4	P4-24_R02	5	R	70	60	69	9.3	70	Yes	-	Yes	No
P	I	4	P4-24_R02	6	R	70	60	69	9.0	69	Yes	-	Yes	No
P	I	4	P4-24_R02	7	R	70	60	68	8.9	69	Yes	-	Yes	No
P	I	4	P4-24_R02	8	R	70	60	68	8.7	69	Yes	-	Yes	No
P	I	4	P4-24_R02	9	R	70	60	68	8.5	69	Yes	-	Yes	No
P	I	4	P4-24_R02	10	R	70	60	68	8.4	68	Yes	-	Yes	No
P	I	4	P4-24_R02	11	R	70	60	68	8.3	68	Yes	-	Yes	No
P	I	4	P4-24_R02	12	R	70	60	67	8.2	68	Yes	-	Yes	No
P	I	4	P4-24_R02	13	R	70	60	67	8.2	68	Yes	-	Yes	No
P	I	4	P4-24_R02	14	R	70	60	67	8.1	68	Yes	-	Yes	No
P	I	4	P4-24_R02	15	R	70	59	67	8.0	67	Yes	-	Yes	No
P	I	4	P4-24_R02	16	R	70	59	67	8.0	67	Yes	-	Yes	No
P	I	4	P4-24_R02	17	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-24_R02	18	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-24_R02	19	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-24_R02	20	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-24_R02	21	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-24_R02	22	R	70	59	66	7.7	67	Yes	-	Yes	No
P	I	4	P4-24_R02	23	R	70	59	66	7.7	67	Yes	-	Yes	No
P	I	4	P4-24_R02	24	R	70	59	66	7.6	66	Yes	-	Yes	No
P	I	4	P4-24_R02	25	R	70	59	66	7.6	66	Yes	-	Yes	No
P	I	4	P4-24_R02	26	R	70	59	65	7.6	66	Yes	-	Yes	No
P	I	4	P4-24_R02	27	R	70	59	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-24_R02	28	R	70	59	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-24_R02	29	R	70	59	65	7.4	66	Yes	-	Yes	No
P	I	4	P4-24_R03	1	R	70	61	67	6.8	68	Yes	-	Yes	No
P	I	4	P4-24_R03	2	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	4	P4-24_R03	3	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	4	P4-24_R03	4	R	70	61	68	7.3	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R03	5	R	70	61	68	7.6	69	Yes	-	Yes	No
P	I	4	P4-24_R03	6	R	70	61	68	7.6	69	Yes	-	Yes	No
P	I	4	P4-24_R03	7	R	70	61	68	7.6	69	Yes	-	Yes	No
P	I	4	P4-24_R03	8	R	70	61	68	7.6	69	Yes	-	Yes	No
P	I	4	P4-24_R03	9	R	70	61	68	7.5	69	Yes	-	Yes	No
P	I	4	P4-24_R03	10	R	70	61	68	7.4	68	Yes	-	Yes	No
P	I	4	P4-24_R03	11	R	70	61	67	7.3	68	Yes	-	Yes	No
P	I	4	P4-24_R03	12	R	70	61	67	7.2	68	Yes	-	Yes	No
P	I	4	P4-24_R03	13	R	70	61	67	7.2	68	Yes	-	Yes	No
P	I	4	P4-24_R03	14	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	4	P4-24_R03	15	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	4	P4-24_R03	16	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	4	P4-24_R03	17	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	4	P4-24_R03	18	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	4	P4-24_R03	19	R	70	60	66	7.0	67	Yes	-	Yes	No
P	I	4	P4-24_R03	20	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-24_R03	21	R	70	60	66	6.9	67	Yes	-	Yes	No
P	I	4	P4-24_R03	22	R	70	60	66	6.8	67	Yes	-	Yes	No
P	I	4	P4-24_R03	23	R	70	60	66	6.8	67	Yes	-	Yes	No
P	I	4	P4-24_R03	24	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	4	P4-24_R03	25	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	4	P4-24_R03	26	R	70	60	66	6.6	67	Yes	-	Yes	No
P	I	4	P4-24_R03	27	R	70	60	66	6.6	67	Yes	-	Yes	No
P	I	4	P4-24_R03	28	R	70	60	65	6.5	67	Yes	-	Yes	No
P	I	4	P4-24_R03	29	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	4	P4-24_R04	1	R	70	70	67	2.0	72	Yes	-	No	Yes
P	I	4	P4-24_R04	2	R	70	70	67	1.9	72	Yes	-	No	Yes
P	I	4	P4-24_R04	3	R	70	69	67	1.9	71	Yes	-	No	Yes
P	I	4	P4-24_R04	4	R	70	69	67	1.9	71	Yes	-	No	Yes
P	I	4	P4-24_R04	5	R	70	69	66	1.8	71	Yes	-	No	Yes
P	I	4	P4-24_R04	6	R	70	69	66	1.8	71	Yes	-	No	Yes
P	I	4	P4-24_R04	7	R	70	69	66	1.8	71	Yes	-	No	Yes
P	I	4	P4-24_R04	8	R	70	69	66	1.7	71	Yes	-	No	Yes
P	I	4	P4-24_R04	9	R	70	69	65	1.7	70	Yes	-	Yes	No
P	I	4	P4-24_R04	10	R	70	69	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-24_R04	11	R	70	68	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-24_R04	12	R	70	68	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-24_R04	13	R	70	68	64	1.5	70	Yes	-	Yes	No
P	I	4	P4-24_R04	14	R	70	68	64	1.5	70	Yes	-	Yes	No
P	I	4	P4-24_R04	15	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R04	16	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R04	17	R	70	68	64	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R04	18	R	70	67	63	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R04	19	R	70	67	63	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R04	20	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R04	21	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R04	22	R	70	67	63	1.4	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R04	23	R	70	67	63	1.4	68	Yes	-	Yes	No
P	I	4	P4-24_R04	24	R	70	67	62	1.3	68	Yes	-	Yes	No
P	I	4	P4-24_R04	25	R	70	67	62	1.3	68	Yes	-	Yes	No
P	I	4	P4-24_R04	26	R	70	67	62	1.3	68	Yes	-	Yes	No
P	I	4	P4-24_R04	27	R	70	67	62	1.3	68	Yes	-	Yes	No
P	I	4	P4-24_R04	28	R	70	66	62	1.3	68	Yes	-	Yes	No
P	I	4	P4-24_R04	29	R	70	66	62	1.2	68	Yes	-	Yes	No
P	I	4	P4-24_R05	1	R	70	71	66	1.3	72	Yes	-	No	Yes
P	I	4	P4-24_R05	2	R	70	71	66	1.4	72	Yes	-	No	Yes
P	I	4	P4-24_R05	3	R	70	71	66	1.4	72	Yes	-	No	Yes
P	I	4	P4-24_R05	4	R	70	71	66	1.3	72	Yes	-	No	Yes
P	I	4	P4-24_R05	5	R	70	70	66	1.4	72	Yes	-	No	Yes
P	I	4	P4-24_R05	6	R	70	70	66	1.4	71	Yes	-	No	Yes
P	I	4	P4-24_R05	7	R	70	70	66	1.4	71	Yes	-	No	Yes
P	I	4	P4-24_R05	8	R	70	70	65	1.4	71	Yes	-	No	Yes
P	I	4	P4-24_R05	9	R	70	69	65	1.5	71	Yes	-	No	Yes
P	I	4	P4-24_R05	10	R	70	69	65	1.5	71	Yes	-	No	Yes
P	I	4	P4-24_R05	11	R	70	69	65	1.4	70	Yes	-	Yes	No
P	I	4	P4-24_R05	12	R	70	69	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-24_R05	13	R	70	68	65	1.5	70	Yes	-	Yes	No
P	I	4	P4-24_R05	14	R	70	68	64	1.5	70	Yes	-	Yes	No
P	I	4	P4-24_R05	15	R	70	68	64	1.5	70	Yes	-	Yes	No
P	I	4	P4-24_R05	16	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R05	17	R	70	68	64	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R05	18	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R05	19	R	70	68	64	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R05	20	R	70	67	63	1.5	69	Yes	-	Yes	No
P	I	4	P4-24_R05	21	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R05	22	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-24_R05	23	R	70	67	63	1.5	68	Yes	-	Yes	No
P	I	4	P4-24_R05	24	R	70	67	63	1.5	68	Yes	-	Yes	No
P	I	4	P4-24_R05	25	R	70	67	63	1.4	68	Yes	-	Yes	No
P	I	4	P4-24_R05	26	R	70	67	63	1.4	68	Yes	-	Yes	No
P	I	4	P4-24_R05	27	R	70	67	62	1.4	68	Yes	-	Yes	No
P	I	4	P4-24_R05	28	R	70	66	62	1.4	68	Yes	-	Yes	No
P	I	4	P4-24_R05	29	R	70	66	62	1.3	68	Yes	-	Yes	No
P	I	4	P4-24_R06	1	R	70	75	62	0.2	75	Yes	-	No	Yes
P	I	4	P4-24_R06	2	R	70	74	62	0.3	75	Yes	-	No	Yes
P	I	4	P4-24_R06	3	R	70	74	62	0.3	74	Yes	-	No	Yes
P	I	4	P4-24_R06	4	R	70	74	62	0.2	74	Yes	-	No	Yes
P	I	4	P4-24_R06	5	R	70	73	62	0.2	74	Yes	-	No	Yes
P	I	4	P4-24_R06	6	R	70	73	61	0.3	73	Yes	-	No	Yes
P	I	4	P4-24_R06	7	R	70	73	61	0.3	73	Yes	-	No	Yes
P	I	4	P4-24_R06	8	R	70	73	61	0.3	73	Yes	-	No	Yes
P	I	4	P4-24_R06	9	R	70	72	61	0.3	73	Yes	-	No	Yes
P	I	4	P4-24_R06	10	R	70	72	61	0.3	72	Yes	-	No	Yes
P	I	4	P4-24_R06	11	R	70	72	61	0.3	72	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R06	12	R	70	72	61	0.3	72	Yes	-	No	Yes
P	I	4	P4-24_R06	13	R	70	71	60	0.3	72	Yes	-	No	Yes
P	I	4	P4-24_R06	14	R	70	71	60	0.3	72	Yes	-	No	Yes
P	I	4	P4-24_R06	15	R	70	71	60	0.3	71	Yes	-	No	Yes
P	I	4	P4-24_R06	16	R	70	71	60	0.3	71	Yes	-	No	Yes
P	I	4	P4-24_R06	17	R	70	71	60	0.3	71	Yes	-	No	Yes
P	I	4	P4-24_R06	18	R	70	71	60	0.3	71	Yes	-	No	Yes
P	I	4	P4-24_R06	19	R	70	70	59	0.3	71	Yes	-	No	Yes
P	I	4	P4-24_R06	20	R	70	70	59	0.4	71	Yes	-	No	Yes
P	I	4	P4-24_R06	21	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-24_R06	22	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-24_R06	23	R	70	70	59	0.4	70	Yes	-	Yes	No
P	I	4	P4-24_R06	24	R	70	70	59	0.4	70	Yes	-	Yes	No
P	I	4	P4-24_R06	25	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-24_R06	26	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-24_R06	27	R	70	69	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-24_R06	28	R	70	69	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-24_R06	29	R	70	69	58	0.4	70	Yes	-	Yes	No
P	I	4	P4-24_R07	1	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R07	2	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R07	3	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R07	4	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R07	5	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R07	6	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R07	7	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R07	8	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R07	9	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R07	10	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R07	11	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R07	12	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R07	13	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R07	14	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R07	15	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R07	16	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R07	17	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R07	18	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R07	19	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R07	20	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	21	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	22	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	23	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	24	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	25	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	26	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	27	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	28	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R07	29	R	70	67	0	0.0	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R08	1	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R08	2	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R08	3	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R08	4	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R08	5	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	6	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	7	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	8	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	9	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	10	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	11	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	12	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R08	13	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	14	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	15	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	16	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	17	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	18	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	19	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R08	20	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	21	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	22	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	23	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	24	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	25	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	26	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	27	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	28	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R08	29	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R11	1	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	4	P4-24_R11	2	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	4	P4-24_R11	3	R	70	74	53	0.1	74	Yes	-	No	Yes
P	I	4	P4-24_R11	4	R	70	74	53	0.0	74	Yes	-	No	Yes
P	I	4	P4-24_R11	5	R	70	74	53	0.0	74	Yes	-	No	Yes
P	I	4	P4-24_R11	6	R	70	73	53	0.0	73	Yes	-	No	Yes
P	I	4	P4-24_R11	7	R	70	73	53	0.0	73	Yes	-	No	Yes
P	I	4	P4-24_R11	8	R	70	73	53	0.0	73	Yes	-	No	Yes
P	I	4	P4-24_R11	9	R	70	73	53	0.0	73	Yes	-	No	Yes
P	I	4	P4-24_R11	10	R	70	72	53	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R11	11	R	70	72	53	0.1	72	Yes	-	No	Yes
P	I	4	P4-24_R11	12	R	70	72	53	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R11	13	R	70	72	53	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R11	14	R	70	72	52	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R11	15	R	70	71	52	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R11	16	R	70	71	52	0.1	71	Yes	-	No	Yes
P	I	4	P4-24_R11	17	R	70	71	52	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R11	18	R	70	71	52	0.1	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R11	19	R	70	71	52	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R11	20	R	70	71	52	0.1	71	Yes	-	No	Yes
P	I	4	P4-24_R11	21	R	70	70	52	0.1	71	Yes	-	No	Yes
P	I	4	P4-24_R11	22	R	70	70	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-24_R11	23	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R11	24	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R11	25	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R11	26	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R11	27	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R11	28	R	70	70	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-24_R11	29	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R12	1	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R12	2	R	70	72	51	0.1	72	Yes	-	No	Yes
P	I	4	P4-24_R12	3	R	70	72	52	0.1	72	Yes	-	No	Yes
P	I	4	P4-24_R12	4	R	70	71	52	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R12	5	R	70	71	52	0.1	71	Yes	-	No	Yes
P	I	4	P4-24_R12	6	R	70	71	52	0.1	71	Yes	-	No	Yes
P	I	4	P4-24_R12	7	R	70	71	52	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R12	8	R	70	70	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-24_R12	9	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R12	10	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R12	11	R	70	70	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-24_R12	12	R	70	69	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-24_R12	13	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-24_R12	14	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-24_R12	15	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-24_R12	16	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-24_R12	17	R	70	68	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-24_R12	18	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	19	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	20	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	21	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	22	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	23	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	24	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	25	R	70	67	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-24_R12	26	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-24_R12	27	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-24_R12	28	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-24_R12	29	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-24_R13	1	R	70	70	32	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R13	2	R	70	70	32	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R13	3	R	70	70	31	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R13	4	R	70	70	31	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R13	5	R	70	70	31	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R13	6	R	70	70	31	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R13	7	R	70	69	31	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R13	8	R	70	69	31	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R13	9	R	70	69	31	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R13	10	R	70	69	31	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R13	11	R	70	69	31	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R13	12	R	70	69	31	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R13	13	R	70	69	31	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R13	14	R	70	68	31	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	15	R	70	68	31	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	16	R	70	68	31	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	17	R	70	68	31	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	18	R	70	68	31	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	19	R	70	68	31	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	20	R	70	68	30	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	21	R	70	68	30	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R13	22	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	23	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	24	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	25	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	26	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	27	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	28	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R13	29	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	4	P4-24_R14	1	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R14	2	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R14	3	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R14	4	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R14	5	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R14	6	R	70	72	0	0.0	72	Yes	-	No	Yes
P	I	4	P4-24_R14	7	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	8	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	9	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	10	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	11	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	12	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	13	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R14	14	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	15	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	16	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	17	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	18	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	19	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	20	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	21	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	22	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R14	23	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R14	24	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R14	25	R	70	69	0	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R14	26	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R14	27	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R14	28	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R14	29	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	1	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	2	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	3	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	4	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	5	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	6	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	7	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	8	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	9	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	10	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	11	R	70	71	0	0.0	71	Yes	-	No	Yes
P	I	4	P4-24_R15	12	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	13	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	14	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	15	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	16	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	17	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	18	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	19	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	20	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	21	R	70	70	0	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R15	22	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	23	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	24	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	25	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	26	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	27	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	28	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R15	29	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	1	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	4	P4-24_R21	2	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	3	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	4	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	5	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	6	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	7	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	8	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	9	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	10	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	11	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	12	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	13	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	14	R	70	70	20	0.0	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-24_R21	15	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-24_R21	16	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	17	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	18	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	19	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	20	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	21	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	22	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	23	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	24	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	25	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	26	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	27	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	28	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R21	29	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-24_R31	1	R	70	41	72	30.3	72	No	-	No	Yes
P	I	4	P4-24_R31	2	R	70	43	71	28.0	71	No	-	No	Yes
P	I	4	P4-24_R31	3	R	70	46	71	24.9	71	No	-	No	Yes
P	I	4	P4-24_R31	4	R	70	49	71	21.7	71	No	-	No	Yes
P	I	4	P4-24_R31	5	R	70	51	70	19.4	70	Yes	-	Yes	No
P	I	4	P4-24_R31	6	R	70	52	70	18.0	70	Yes	-	Yes	No
P	I	4	P4-24_R31	7	R	70	53	70	17.1	70	Yes	-	Yes	No
P	I	4	P4-24_R31	8	R	70	53	69	16.3	69	Yes	-	Yes	No
P	I	4	P4-24_R31	9	R	70	54	69	15.6	69	Yes	-	Yes	No
P	I	4	P4-24_R31	10	R	70	54	69	15.0	69	Yes	-	Yes	No
P	I	4	P4-24_R31	11	R	70	54	68	14.6	69	Yes	-	Yes	No
P	I	4	P4-24_R31	12	R	70	54	68	14.2	68	Yes	-	Yes	No
P	I	4	P4-24_R31	13	R	70	54	68	13.8	68	Yes	-	Yes	No
P	I	4	P4-24_R31	14	R	70	54	68	13.6	68	Yes	-	Yes	No
P	I	4	P4-24_R31	15	R	70	54	67	13.2	68	Yes	-	Yes	No
P	I	4	P4-24_R31	16	R	70	54	67	13.0	67	Yes	-	Yes	No
P	I	4	P4-24_R31	17	R	70	54	67	12.9	67	Yes	-	Yes	No
P	I	4	P4-24_R31	18	R	70	54	67	12.7	67	Yes	-	Yes	No
P	I	4	P4-24_R31	19	R	70	54	67	12.5	67	Yes	-	Yes	No
P	I	4	P4-24_R31	20	R	70	54	67	12.3	67	Yes	-	Yes	No
P	I	4	P4-24_R31	21	R	70	54	66	12.3	67	Yes	-	Yes	No
P	I	4	P4-24_R31	22	R	70	54	66	12.1	66	Yes	-	Yes	No
P	I	4	P4-24_R31	23	R	70	54	66	12.0	66	Yes	-	Yes	No
P	I	4	P4-24_R31	24	R	70	54	66	12.0	66	Yes	-	Yes	No
P	I	4	P4-24_R31	25	R	70	54	66	11.8	66	Yes	-	Yes	No
P	I	4	P4-24_R31	26	R	70	54	66	11.8	66	Yes	-	Yes	No
P	I	4	P4-24_R31	27	R	70	54	66	11.7	66	Yes	-	Yes	No
P	I	4	P4-24_R31	28	R	70	54	65	11.6	66	Yes	-	Yes	No
P	I	4	P4-24_R31	29	R	70	54	65	11.6	66	Yes	-	Yes	No
P	I	4	P4-26_R01	1	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	2	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	3	R	70	71	21	0.0	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-26_R01	4	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	5	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	6	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	7	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	8	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	9	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	10	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	11	R	70	71	21	0.0	71	Yes	-	No	Yes
P	I	4	P4-26_R01	12	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	13	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	14	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	15	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	16	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	17	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	18	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	19	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	20	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	21	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	22	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	23	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R01	24	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	25	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	26	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	27	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	28	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	29	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	30	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	31	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	32	R	70	69	19	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	33	R	70	69	19	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	34	R	70	69	19	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	35	R	70	69	19	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R01	36	R	70	69	19	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	1	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	2	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	3	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	4	R	70	70	46	0.1	70	Yes	-	Yes	No
P	I	4	P4-26_R02	5	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R02	6	R	70	70	47	0.1	70	Yes	-	Yes	No
P	I	4	P4-26_R02	7	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R02	8	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R02	9	R	70	70	47	0.1	70	Yes	-	Yes	No
P	I	4	P4-26_R02	10	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	4	P4-26_R02	11	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	12	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	13	R	70	69	46	0.1	69	Yes	-	Yes	No
P	I	4	P4-26_R02	14	R	70	69	46	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-26_R02	15	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	16	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	17	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	18	R	70	69	46	0.1	69	Yes	-	Yes	No
P	I	4	P4-26_R02	19	R	70	69	46	0.1	69	Yes	-	Yes	No
P	I	4	P4-26_R02	20	R	70	69	46	0.1	69	Yes	-	Yes	No
P	I	4	P4-26_R02	21	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	22	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-26_R02	23	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	24	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	25	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	26	R	70	68	46	0.1	68	Yes	-	Yes	No
P	I	4	P4-26_R02	27	R	70	68	46	0.1	68	Yes	-	Yes	No
P	I	4	P4-26_R02	28	R	70	68	46	0.1	68	Yes	-	Yes	No
P	I	4	P4-26_R02	29	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	30	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	31	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	32	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	33	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R02	34	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R02	35	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R02	36	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	1	R	70	66	28	0.0	66	Yes	-	Yes	No
P	I	4	P4-26_R03	2	R	70	67	28	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	3	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	4	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	5	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	6	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	7	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	8	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	9	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	10	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	11	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	12	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	13	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	14	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	15	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	16	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	17	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	4	P4-26_R03	18	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	19	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	20	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	21	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	22	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	23	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	24	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	25	R	70	67	27	0.0	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-26_R03	26	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	27	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	28	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	29	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	30	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	31	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	4	P4-26_R03	32	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	4	P4-26_R03	33	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	4	P4-26_R03	34	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	4	P4-26_R03	35	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	4	P4-26_R03	36	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	4	P4-26_R21	1	R	70	36	71	35.2	71	No	-	No	Yes
P	I	4	P4-26_R21	2	R	70	37	71	33.8	71	No	-	No	Yes
P	I	4	P4-26_R21	3	R	70	38	70	32.3	70	Yes	-	Yes	No
P	I	4	P4-26_R21	4	R	70	39	70	30.4	70	Yes	-	Yes	No
P	I	4	P4-26_R21	5	R	70	41	69	28.3	69	Yes	-	Yes	No
P	I	4	P4-26_R21	6	R	70	43	69	25.8	69	Yes	-	Yes	No
P	I	4	P4-26_R21	7	R	70	44	69	24.4	69	Yes	-	Yes	No
P	I	4	P4-26_R21	8	R	70	45	68	23.2	68	Yes	-	Yes	No
P	I	4	P4-26_R21	9	R	70	46	68	22.4	68	Yes	-	Yes	No
P	I	4	P4-26_R21	10	R	70	46	68	21.8	68	Yes	-	Yes	No
P	I	4	P4-26_R21	11	R	70	46	67	21.3	67	Yes	-	Yes	No
P	I	4	P4-26_R21	12	R	70	46	67	21.0	67	Yes	-	Yes	No
P	I	4	P4-26_R21	13	R	70	46	67	20.7	67	Yes	-	Yes	No
P	I	4	P4-26_R21	14	R	70	46	67	20.5	67	Yes	-	Yes	No
P	I	4	P4-26_R21	15	R	70	46	66	20.3	67	Yes	-	Yes	No
P	I	4	P4-26_R21	16	R	70	46	66	20.0	66	Yes	-	Yes	No
P	I	4	P4-26_R21	17	R	70	46	66	19.9	66	Yes	-	Yes	No
P	I	4	P4-26_R21	18	R	70	46	66	19.6	66	Yes	-	Yes	No
P	I	4	P4-26_R21	19	R	70	46	66	19.5	66	Yes	-	Yes	No
P	I	4	P4-26_R21	20	R	70	46	66	19.3	66	Yes	-	Yes	No
P	I	4	P4-26_R21	21	R	70	46	65	19.2	65	Yes	-	Yes	No
P	I	4	P4-26_R21	22	R	70	46	65	19.1	65	Yes	-	Yes	No
P	I	4	P4-26_R21	23	R	70	46	65	19.0	65	Yes	-	Yes	No
P	I	4	P4-26_R21	24	R	70	46	65	18.8	65	Yes	-	Yes	No
P	I	4	P4-26_R21	25	R	70	46	65	18.7	65	Yes	-	Yes	No
P	I	4	P4-26_R21	26	R	70	46	65	18.6	65	Yes	-	Yes	No
P	I	4	P4-26_R21	27	R	70	46	65	18.6	65	Yes	-	Yes	No
P	I	4	P4-26_R21	28	R	70	46	64	18.5	64	Yes	-	Yes	No
P	I	4	P4-26_R21	29	R	70	46	64	18.4	64	Yes	-	Yes	No
P	I	4	P4-26_R21	30	R	70	46	64	18.3	64	Yes	-	Yes	No
P	I	4	P4-26_R21	31	R	70	46	64	18.1	64	Yes	-	Yes	No
P	I	4	P4-26_R21	32	R	70	46	64	18.0	64	Yes	-	Yes	No
P	I	4	P4-26_R21	33	R	70	46	64	17.8	64	Yes	-	Yes	No
P	I	4	P4-26_R21	34	R	70	46	64	17.3	64	Yes	-	Yes	No
P	I	4	P4-26_R21	35	R	70	47	64	16.7	64	Yes	-	Yes	No
P	I	4	P4-26_R21	36	R	70	48	64	15.6	64	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R01	1	R	70	65	34	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R01	2	R	70	65	35	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R01	3	R	70	67	37	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R01	4	R	70	68	38	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	5	R	70	69	39	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R01	6	R	70	69	40	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R01	7	R	70	69	40	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R01	8	R	70	69	41	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R01	9	R	70	69	41	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R01	10	R	70	69	42	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R01	11	R	70	68	42	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	12	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	13	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	14	R	70	68	44	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	15	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	16	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R01	17	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R01	18	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R01	19	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R01	20	R	70	67	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R01	21	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	22	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	23	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	24	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	25	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	26	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	27	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	28	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	29	R	70	67	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	30	R	70	66	49	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R01	31	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R01	32	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R01	33	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R01	34	R	70	66	49	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R01	35	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R01	36	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R01	37	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R01	38	R	70	66	49	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R02	1	R	70	69	35	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R02	2	R	70	70	37	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R02	3	R	70	70	40	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R02	4	R	70	70	42	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R02	5	R	70	70	44	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R02	6	R	70	70	45	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R02	7	R	70	70	45	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R02	8	R	70	70	46	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R02	9	R	70	70	46	0.0	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R02	10	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R02	11	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R02	12	R	70	69	46	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R02	13	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R02	14	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R02	15	R	70	69	46	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R02	16	R	70	69	47	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R02	17	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R02	18	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R02	19	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R02	20	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R02	21	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R02	22	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R02	23	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R02	24	R	70	68	49	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R02	25	R	70	67	49	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R02	26	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	27	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	28	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	29	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	30	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	31	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	32	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	33	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	34	R	70	66	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R02	35	R	70	66	50	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R02	36	R	70	66	50	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R02	37	R	70	66	50	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R02	38	R	70	66	50	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R03	1	R	70	70	49	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R03	2	R	70	70	49	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R03	3	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R03	4	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R03	5	R	70	70	51	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R03	6	R	70	70	51	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R03	7	R	70	69	51	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R03	8	R	70	69	52	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R03	9	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R03	10	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R03	11	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R03	12	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R03	13	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R03	14	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R03	15	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R03	16	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R03	17	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R03	18	R	70	68	52	0.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R03	19	R	70	67	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R03	20	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R03	21	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R03	22	R	70	67	52	0.2	67	Yes	-	Yes	No
P	I	4	P4-28_R03	23	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R03	24	R	70	67	52	0.2	67	Yes	-	Yes	No
P	I	4	P4-28_R03	25	R	70	67	52	0.2	67	Yes	-	Yes	No
P	I	4	P4-28_R03	26	R	70	66	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R03	27	R	70	66	52	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R03	28	R	70	66	52	0.2	66	Yes	-	Yes	No
P	I	4	P4-28_R03	29	R	70	66	52	0.2	66	Yes	-	Yes	No
P	I	4	P4-28_R03	30	R	70	66	52	0.2	66	Yes	-	Yes	No
P	I	4	P4-28_R03	31	R	70	66	52	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R03	32	R	70	66	51	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R03	33	R	70	66	51	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R03	34	R	70	66	51	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R03	35	R	70	65	51	0.2	66	Yes	-	Yes	No
P	I	4	P4-28_R03	36	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-28_R03	37	R	70	65	51	0.1	65	Yes	-	Yes	No
P	I	4	P4-28_R03	38	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-28_R04	1	R	70	69	50	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R04	2	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	3	R	70	69	51	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	4	R	70	70	51	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R04	5	R	70	70	51	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R04	6	R	70	70	51	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R04	7	R	70	70	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R04	8	R	70	70	52	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R04	9	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R04	10	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R04	11	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R04	12	R	70	69	53	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R04	13	R	70	69	53	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R04	14	R	70	69	53	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R04	15	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	16	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	17	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	18	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	19	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	20	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	21	R	70	68	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R04	22	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	23	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	24	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	25	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	26	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	27	R	70	68	52	0.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R04	28	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	29	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	30	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	31	R	70	67	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R04	32	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R04	33	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R04	34	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R04	35	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R04	36	R	70	67	52	0.2	67	Yes	-	Yes	No
P	I	4	P4-28_R04	37	R	70	67	52	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R04	38	R	70	67	51	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R11	1	R	70	33	72	39.4	72	No	-	No	Yes
P	I	4	P4-28_R11	2	R	70	34	72	38.4	72	No	-	No	Yes
P	I	4	P4-28_R11	3	R	70	34	71	37.2	71	No	-	No	Yes
P	I	4	P4-28_R11	4	R	70	35	71	36.0	71	No	-	No	Yes
P	I	4	P4-28_R11	5	R	70	36	71	34.8	71	No	-	No	Yes
P	I	4	P4-28_R11	6	R	70	37	70	33.5	70	Yes	-	Yes	No
P	I	4	P4-28_R11	7	R	70	37	70	32.2	70	Yes	-	Yes	No
P	I	4	P4-28_R11	8	R	70	39	69	30.7	69	Yes	-	Yes	No
P	I	4	P4-28_R11	9	R	70	39	69	29.5	69	Yes	-	Yes	No
P	I	4	P4-28_R11	10	R	70	41	69	28.1	69	Yes	-	Yes	No
P	I	4	P4-28_R11	11	R	70	42	68	26.5	68	Yes	-	Yes	No
P	I	4	P4-28_R11	12	R	70	43	68	25.4	68	Yes	-	Yes	No
P	I	4	P4-28_R11	13	R	70	43	68	24.6	68	Yes	-	Yes	No
P	I	4	P4-28_R11	14	R	70	44	67	23.8	67	Yes	-	Yes	No
P	I	4	P4-28_R11	15	R	70	44	67	23.0	67	Yes	-	Yes	No
P	I	4	P4-28_R11	16	R	70	45	67	22.4	67	Yes	-	Yes	No
P	I	4	P4-28_R11	17	R	70	45	67	22.0	67	Yes	-	Yes	No
P	I	4	P4-28_R11	18	R	70	45	67	21.7	67	Yes	-	Yes	No
P	I	4	P4-28_R11	19	R	70	45	66	21.3	66	Yes	-	Yes	No
P	I	4	P4-28_R11	20	R	70	45	66	21.0	66	Yes	-	Yes	No
P	I	4	P4-28_R11	21	R	70	45	66	20.7	66	Yes	-	Yes	No
P	I	4	P4-28_R11	22	R	70	45	66	20.6	66	Yes	-	Yes	No
P	I	4	P4-28_R11	23	R	70	45	66	20.4	66	Yes	-	Yes	No
P	I	4	P4-28_R11	24	R	70	45	65	20.2	65	Yes	-	Yes	No
P	I	4	P4-28_R11	25	R	70	45	65	20.1	65	Yes	-	Yes	No
P	I	4	P4-28_R11	26	R	70	45	65	20.0	65	Yes	-	Yes	No
P	I	4	P4-28_R11	27	R	70	45	65	19.8	65	Yes	-	Yes	No
P	I	4	P4-28_R11	28	R	70	45	65	19.8	65	Yes	-	Yes	No
P	I	4	P4-28_R11	29	R	70	45	65	19.6	65	Yes	-	Yes	No
P	I	4	P4-28_R11	30	R	70	45	65	19.5	65	Yes	-	Yes	No
P	I	4	P4-28_R11	31	R	70	45	64	19.4	65	Yes	-	Yes	No
P	I	4	P4-28_R11	32	R	70	45	64	19.3	64	Yes	-	Yes	No
P	I	4	P4-28_R11	33	R	70	45	64	19.2	64	Yes	-	Yes	No
P	I	4	P4-28_R11	34	R	70	45	64	19.1	64	Yes	-	Yes	No
P	I	4	P4-28_R11	35	R	70	45	64	19.0	64	Yes	-	Yes	No
P	I	4	P4-28_R11	36	R	70	45	64	19.0	64	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R11	37	R	70	45	64	18.9	64	Yes	-	Yes	No
P	I	4	P4-28_R11	38	R	70	45	64	18.8	64	Yes	-	Yes	No
P	I	4	P4-28_R12	1	R	70	54	34	0.1	54	Yes	-	Yes	No
P	I	4	P4-28_R12	2	R	70	57	35	0.0	57	Yes	-	Yes	No
P	I	4	P4-28_R12	3	R	70	60	36	0.0	60	Yes	-	Yes	No
P	I	4	P4-28_R12	4	R	70	62	37	0.0	62	Yes	-	Yes	No
P	I	4	P4-28_R12	5	R	70	63	38	0.1	63	Yes	-	Yes	No
P	I	4	P4-28_R12	6	R	70	64	39	0.0	64	Yes	-	Yes	No
P	I	4	P4-28_R12	7	R	70	65	40	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R12	8	R	70	66	41	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	9	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	10	R	70	66	44	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	11	R	70	66	44	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	12	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	13	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	14	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	15	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	16	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	17	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	18	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	19	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	20	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	21	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	22	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	23	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	24	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	25	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	26	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	27	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	28	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	29	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	30	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	31	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	32	R	70	66	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	33	R	70	66	45	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R12	34	R	70	65	45	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R12	35	R	70	65	45	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R12	36	R	70	65	45	0.1	65	Yes	-	Yes	No
P	I	4	P4-28_R12	37	R	70	65	45	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R12	38	R	70	65	45	0.1	65	Yes	-	Yes	No
P	I	4	P4-28_R21	1	R	70	33	73	39.6	73	No	-	No	Yes
P	I	4	P4-28_R21	2	R	70	33	72	38.6	72	No	-	No	Yes
P	I	4	P4-28_R21	3	R	70	34	72	37.6	72	No	-	No	Yes
P	I	4	P4-28_R21	4	R	70	35	71	36.6	71	No	-	No	Yes
P	I	4	P4-28_R21	5	R	70	35	71	35.5	71	No	-	No	Yes
P	I	4	P4-28_R21	6	R	70	36	70	34.3	70	Yes	-	Yes	No
P	I	4	P4-28_R21	7	R	70	37	70	33.3	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R21	8	R	70	37	70	32.1	70	Yes	-	Yes	No
P	I	4	P4-28_R21	9	R	70	38	69	30.9	69	Yes	-	Yes	No
P	I	4	P4-28_R21	10	R	70	39	69	29.7	69	Yes	-	Yes	No
P	I	4	P4-28_R21	11	R	70	40	69	28.5	69	Yes	-	Yes	No
P	I	4	P4-28_R21	12	R	70	41	68	27.1	68	Yes	-	Yes	No
P	I	4	P4-28_R21	13	R	70	42	68	25.9	68	Yes	-	Yes	No
P	I	4	P4-28_R21	14	R	70	43	68	25.2	68	Yes	-	Yes	No
P	I	4	P4-28_R21	15	R	70	43	68	24.5	68	Yes	-	Yes	No
P	I	4	P4-28_R21	16	R	70	44	67	23.7	67	Yes	-	Yes	No
P	I	4	P4-28_R21	17	R	70	44	67	22.9	67	Yes	-	Yes	No
P	I	4	P4-28_R21	18	R	70	45	67	22.3	67	Yes	-	Yes	No
P	I	4	P4-28_R21	19	R	70	45	67	22.0	67	Yes	-	Yes	No
P	I	4	P4-28_R21	20	R	70	45	66	21.5	67	Yes	-	Yes	No
P	I	4	P4-28_R21	21	R	70	45	66	21.2	66	Yes	-	Yes	No
P	I	4	P4-28_R21	22	R	70	45	66	20.8	66	Yes	-	Yes	No
P	I	4	P4-28_R21	23	R	70	45	66	20.7	66	Yes	-	Yes	No
P	I	4	P4-28_R21	24	R	70	45	66	20.4	66	Yes	-	Yes	No
P	I	4	P4-28_R21	25	R	70	46	66	20.1	66	Yes	-	Yes	No
P	I	4	P4-28_R21	26	R	70	46	65	20.0	66	Yes	-	Yes	No
P	I	4	P4-28_R21	27	R	70	46	65	19.7	65	Yes	-	Yes	No
P	I	4	P4-28_R21	28	R	70	46	65	19.6	65	Yes	-	Yes	No
P	I	4	P4-28_R21	29	R	70	46	65	19.5	65	Yes	-	Yes	No
P	I	4	P4-28_R21	30	R	70	46	65	19.3	65	Yes	-	Yes	No
P	I	4	P4-28_R21	31	R	70	46	65	19.2	65	Yes	-	Yes	No
P	I	4	P4-28_R21	32	R	70	46	65	19.1	65	Yes	-	Yes	No
P	I	4	P4-28_R21	33	R	70	46	65	19.1	65	Yes	-	Yes	No
P	I	4	P4-28_R21	34	R	70	46	64	19.0	65	Yes	-	Yes	No
P	I	4	P4-28_R21	35	R	70	46	64	18.9	64	Yes	-	Yes	No
P	I	4	P4-28_R21	36	R	70	46	64	18.7	64	Yes	-	Yes	No
P	I	4	P4-28_R21	37	R	70	46	64	18.6	64	Yes	-	Yes	No
P	I	4	P4-28_R21	38	R	70	46	64	18.5	64	Yes	-	Yes	No
P	I	4	P4-28_R22	1	R	70	64	38	0.0	64	Yes	-	Yes	No
P	I	4	P4-28_R22	2	R	70	65	40	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R22	3	R	70	65	41	0.0	65	Yes	-	Yes	No
P	I	4	P4-28_R22	4	R	70	66	42	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R22	5	R	70	67	44	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	6	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	7	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	8	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	9	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	10	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	11	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	12	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	13	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	14	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	15	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	16	R	70	68	48	0.0	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R22	17	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	18	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	19	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	20	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	21	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	22	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	23	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	24	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	25	R	70	68	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	26	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R22	27	R	70	67	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R22	28	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	29	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R22	30	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	31	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R22	32	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	33	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R22	34	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	35	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R22	36	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	37	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R22	38	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R31	1	R	70	32	72	40.4	72	No	-	No	Yes
P	I	4	P4-28_R31	2	R	70	32	72	39.6	72	No	-	No	Yes
P	I	4	P4-28_R31	3	R	70	33	71	38.6	71	No	-	No	Yes
P	I	4	P4-28_R31	4	R	70	33	71	37.6	71	No	-	No	Yes
P	I	4	P4-28_R31	5	R	70	34	71	36.5	71	No	-	No	Yes
P	I	4	P4-28_R31	6	R	70	35	70	35.4	70	Yes	-	Yes	No
P	I	4	P4-28_R31	7	R	70	36	70	34.0	70	Yes	-	Yes	No
P	I	4	P4-28_R31	8	R	70	37	69	32.9	69	Yes	-	Yes	No
P	I	4	P4-28_R31	9	R	70	38	69	31.6	69	Yes	-	Yes	No
P	I	4	P4-28_R31	10	R	70	38	69	30.4	69	Yes	-	Yes	No
P	I	4	P4-28_R31	11	R	70	39	69	29.5	69	Yes	-	Yes	No
P	I	4	P4-28_R31	12	R	70	40	68	28.6	68	Yes	-	Yes	No
P	I	4	P4-28_R31	13	R	70	40	68	27.9	68	Yes	-	Yes	No
P	I	4	P4-28_R31	14	R	70	41	68	27.0	68	Yes	-	Yes	No
P	I	4	P4-28_R31	15	R	70	41	68	26.3	68	Yes	-	Yes	No
P	I	4	P4-28_R31	16	R	70	41	67	26.0	67	Yes	-	Yes	No
P	I	4	P4-28_R31	17	R	70	42	67	25.3	67	Yes	-	Yes	No
P	I	4	P4-28_R31	18	R	70	42	67	24.6	67	Yes	-	Yes	No
P	I	4	P4-28_R31	19	R	70	43	67	24.0	67	Yes	-	Yes	No
P	I	4	P4-28_R31	20	R	70	43	67	23.4	67	Yes	-	Yes	No
P	I	4	P4-28_R31	21	R	70	43	66	22.9	66	Yes	-	Yes	No
P	I	4	P4-28_R31	22	R	70	44	66	22.6	66	Yes	-	Yes	No
P	I	4	P4-28_R31	23	R	70	44	66	22.1	66	Yes	-	Yes	No
P	I	4	P4-28_R31	24	R	70	44	66	21.9	66	Yes	-	Yes	No
P	I	4	P4-28_R31	25	R	70	44	66	21.6	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R31	26	R	70	44	66	21.3	66	Yes	-	Yes	No
P	I	4	P4-28_R31	27	R	70	44	65	21.1	66	Yes	-	Yes	No
P	I	4	P4-28_R31	28	R	70	45	65	20.9	65	Yes	-	Yes	No
P	I	4	P4-28_R31	29	R	70	45	65	20.6	65	Yes	-	Yes	No
P	I	4	P4-28_R31	30	R	70	45	65	20.5	65	Yes	-	Yes	No
P	I	4	P4-28_R31	31	R	70	45	65	20.3	65	Yes	-	Yes	No
P	I	4	P4-28_R31	32	R	70	45	65	20.2	65	Yes	-	Yes	No
P	I	4	P4-28_R31	33	R	70	45	65	20.1	65	Yes	-	Yes	No
P	I	4	P4-28_R31	34	R	70	45	65	20.0	65	Yes	-	Yes	No
P	I	4	P4-28_R31	35	R	70	45	65	19.8	65	Yes	-	Yes	No
P	I	4	P4-28_R31	36	R	70	45	64	19.7	65	Yes	-	Yes	No
P	I	4	P4-28_R31	37	R	70	45	64	19.6	64	Yes	-	Yes	No
P	I	4	P4-28_R31	38	R	70	45	64	19.5	64	Yes	-	Yes	No
P	I	4	P4-28_R32	1	R	70	61	47	0.2	61	Yes	-	Yes	No
P	I	4	P4-28_R32	2	R	70	63	49	0.2	63	Yes	-	Yes	No
P	I	4	P4-28_R32	3	R	70	65	51	0.2	65	Yes	-	Yes	No
P	I	4	P4-28_R32	4	R	70	66	52	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R32	5	R	70	67	52	0.2	68	Yes	-	Yes	No
P	I	4	P4-28_R32	6	R	70	68	53	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R32	7	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	8	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	9	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R32	10	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R32	11	R	70	70	53	0.0	70	Yes	-	Yes	No
P	I	4	P4-28_R32	12	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R32	13	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R32	14	R	70	69	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R32	15	R	70	69	53	0.1	70	Yes	-	Yes	No
P	I	4	P4-28_R32	16	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	17	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	18	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	19	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	20	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	21	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	22	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	23	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	24	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	25	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	26	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	27	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	28	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	29	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	30	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	31	R	70	69	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	32	R	70	68	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R32	33	R	70	68	52	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R32	34	R	70	68	52	0.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R32	35	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R32	36	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R32	37	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R32	38	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R41	1	R	70	24	73	49.8	73	No	-	No	Yes
P	I	4	P4-28_R41	2	R	70	24	73	49.2	73	No	-	No	Yes
P	I	4	P4-28_R41	3	R	70	24	73	48.5	73	No	-	No	Yes
P	I	4	P4-28_R41	4	R	70	24	72	47.8	72	No	-	No	Yes
P	I	4	P4-28_R41	5	R	70	25	72	47.1	72	No	-	No	Yes
P	I	4	P4-28_R41	6	R	70	25	71	46.5	71	No	-	No	Yes
P	I	4	P4-28_R41	7	R	70	25	71	45.8	71	No	-	No	Yes
P	I	4	P4-28_R41	8	R	70	26	71	45.1	71	No	-	No	Yes
P	I	4	P4-28_R41	9	R	70	26	70	44.3	70	Yes	-	Yes	No
P	I	4	P4-28_R41	10	R	70	27	70	43.6	70	Yes	-	Yes	No
P	I	4	P4-28_R41	11	R	70	27	70	42.6	70	Yes	-	Yes	No
P	I	4	P4-28_R41	12	R	70	28	70	41.6	70	Yes	-	Yes	No
P	I	4	P4-28_R41	13	R	70	28	70	41.1	70	Yes	-	Yes	No
P	I	4	P4-28_R41	14	R	70	29	69	40.2	69	Yes	-	Yes	No
P	I	4	P4-28_R41	15	R	70	30	69	39.2	69	Yes	-	Yes	No
P	I	4	P4-28_R41	16	R	70	31	69	38.4	69	Yes	-	Yes	No
P	I	4	P4-28_R41	17	R	70	31	69	37.7	69	Yes	-	Yes	No
P	I	4	P4-28_R41	18	R	70	31	69	37.2	69	Yes	-	Yes	No
P	I	4	P4-28_R41	19	R	70	32	68	36.8	68	Yes	-	Yes	No
P	I	4	P4-28_R41	20	R	70	32	68	36.5	68	Yes	-	Yes	No
P	I	4	P4-28_R41	21	R	70	32	68	36.2	68	Yes	-	Yes	No
P	I	4	P4-28_R41	22	R	70	32	68	36.0	68	Yes	-	Yes	No
P	I	4	P4-28_R41	23	R	70	32	68	35.7	68	Yes	-	Yes	No
P	I	4	P4-28_R41	24	R	70	32	68	35.4	68	Yes	-	Yes	No
P	I	4	P4-28_R41	25	R	70	32	67	35.2	67	Yes	-	Yes	No
P	I	4	P4-28_R41	26	R	70	32	67	35.1	67	Yes	-	Yes	No
P	I	4	P4-28_R41	27	R	70	32	67	34.9	67	Yes	-	Yes	No
P	I	4	P4-28_R41	28	R	70	32	67	34.7	67	Yes	-	Yes	No
P	I	4	P4-28_R41	29	R	70	32	67	34.5	67	Yes	-	Yes	No
P	I	4	P4-28_R41	30	R	70	32	67	34.4	67	Yes	-	Yes	No
P	I	4	P4-28_R41	31	R	70	32	67	34.4	67	Yes	-	Yes	No
P	I	4	P4-28_R41	32	R	70	32	67	34.3	67	Yes	-	Yes	No
P	I	4	P4-28_R41	33	R	70	32	66	34.2	66	Yes	-	Yes	No
P	I	4	P4-28_R41	34	R	70	32	66	34.0	66	Yes	-	Yes	No
P	I	4	P4-28_R41	35	R	70	32	66	33.8	66	Yes	-	Yes	No
P	I	4	P4-28_R41	36	R	70	32	66	33.6	66	Yes	-	Yes	No
P	I	4	P4-28_R41	37	R	70	33	66	33.3	66	Yes	-	Yes	No
P	I	4	P4-28_R41	38	R	70	33	66	33.0	66	Yes	-	Yes	No
P	I	4	P4-28_R42	1	R	70	67	59	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R42	2	R	70	68	60	0.5	69	Yes	-	Yes	No
P	I	4	P4-28_R42	3	R	70	69	60	0.5	69	Yes	-	Yes	No
P	I	4	P4-28_R42	4	R	70	69	60	0.5	70	Yes	-	Yes	No
P	I	4	P4-28_R42	5	R	70	69	60	0.4	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R42	6	R	70	70	60	0.4	70	Yes	-	Yes	No
P	I	4	P4-28_R42	7	R	70	70	59	0.4	70	Yes	-	Yes	No
P	I	4	P4-28_R42	8	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	9	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	10	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	11	R	70	70	59	0.4	70	Yes	-	Yes	No
P	I	4	P4-28_R42	12	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	13	R	70	70	59	0.4	70	Yes	-	Yes	No
P	I	4	P4-28_R42	14	R	70	70	59	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	15	R	70	70	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	16	R	70	70	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	17	R	70	70	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	18	R	70	70	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	19	R	70	69	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	20	R	70	69	58	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	21	R	70	69	58	0.2	70	Yes	-	Yes	No
P	I	4	P4-28_R42	22	R	70	69	57	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	23	R	70	69	57	0.2	70	Yes	-	Yes	No
P	I	4	P4-28_R42	24	R	70	69	57	0.2	70	Yes	-	Yes	No
P	I	4	P4-28_R42	25	R	70	69	57	0.3	70	Yes	-	Yes	No
P	I	4	P4-28_R42	26	R	70	69	57	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	27	R	70	69	57	0.3	69	Yes	-	Yes	No
P	I	4	P4-28_R42	28	R	70	69	57	0.3	69	Yes	-	Yes	No
P	I	4	P4-28_R42	29	R	70	69	57	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	30	R	70	69	57	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	31	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	32	R	70	69	56	0.3	69	Yes	-	Yes	No
P	I	4	P4-28_R42	33	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	34	R	70	69	56	0.3	69	Yes	-	Yes	No
P	I	4	P4-28_R42	35	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	36	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	37	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R42	38	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-28_R43	1	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-28_R43	2	R	70	67	63	1.5	69	Yes	-	Yes	No
P	I	4	P4-28_R43	3	R	70	68	63	1.3	69	Yes	-	Yes	No
P	I	4	P4-28_R43	4	R	70	68	63	1.3	69	Yes	-	Yes	No
P	I	4	P4-28_R43	5	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	4	P4-28_R43	6	R	70	68	63	1.3	69	Yes	-	Yes	No
P	I	4	P4-28_R43	7	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	4	P4-28_R43	8	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	4	P4-28_R43	9	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	4	P4-28_R43	10	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	4	P4-28_R43	11	R	70	68	62	1.1	69	Yes	-	Yes	No
P	I	4	P4-28_R43	12	R	70	68	62	1.1	69	Yes	-	Yes	No
P	I	4	P4-28_R43	13	R	70	68	62	1.0	69	Yes	-	Yes	No
P	I	4	P4-28_R43	14	R	70	68	62	1.1	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R43	15	R	70	67	62	1.1	69	Yes	-	Yes	No
P	I	4	P4-28_R43	16	R	70	67	62	1.0	68	Yes	-	Yes	No
P	I	4	P4-28_R43	17	R	70	67	62	1.0	68	Yes	-	Yes	No
P	I	4	P4-28_R43	18	R	70	67	61	1.0	68	Yes	-	Yes	No
P	I	4	P4-28_R43	19	R	70	67	61	1.0	68	Yes	-	Yes	No
P	I	4	P4-28_R43	20	R	70	67	61	1.0	68	Yes	-	Yes	No
P	I	4	P4-28_R43	21	R	70	67	61	1.0	68	Yes	-	Yes	No
P	I	4	P4-28_R43	22	R	70	67	61	0.9	68	Yes	-	Yes	No
P	I	4	P4-28_R43	23	R	70	67	61	0.9	68	Yes	-	Yes	No
P	I	4	P4-28_R43	24	R	70	67	61	0.9	68	Yes	-	Yes	No
P	I	4	P4-28_R43	25	R	70	67	61	0.8	68	Yes	-	Yes	No
P	I	4	P4-28_R43	26	R	70	67	60	0.8	68	Yes	-	Yes	No
P	I	4	P4-28_R43	27	R	70	67	60	0.8	68	Yes	-	Yes	No
P	I	4	P4-28_R43	28	R	70	67	60	0.8	68	Yes	-	Yes	No
P	I	4	P4-28_R43	29	R	70	67	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	30	R	70	67	60	0.8	68	Yes	-	Yes	No
P	I	4	P4-28_R43	31	R	70	67	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	32	R	70	67	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	33	R	70	67	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	34	R	70	67	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	35	R	70	67	59	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	36	R	70	67	59	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	37	R	70	67	59	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R43	38	R	70	67	59	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	1	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	4	P4-28_R44	2	R	70	67	63	1.5	69	Yes	-	Yes	No
P	I	4	P4-28_R44	3	R	70	68	63	1.3	69	Yes	-	Yes	No
P	I	4	P4-28_R44	4	R	70	68	63	1.2	69	Yes	-	Yes	No
P	I	4	P4-28_R44	5	R	70	68	63	1.1	69	Yes	-	Yes	No
P	I	4	P4-28_R44	6	R	70	68	62	1.1	69	Yes	-	Yes	No
P	I	4	P4-28_R44	7	R	70	68	62	1.1	69	Yes	-	Yes	No
P	I	4	P4-28_R44	8	R	70	68	62	0.9	69	Yes	-	Yes	No
P	I	4	P4-28_R44	9	R	70	68	62	0.9	69	Yes	-	Yes	No
P	I	4	P4-28_R44	10	R	70	68	62	0.9	69	Yes	-	Yes	No
P	I	4	P4-28_R44	11	R	70	68	61	0.8	69	Yes	-	Yes	No
P	I	4	P4-28_R44	12	R	70	68	61	0.8	69	Yes	-	Yes	No
P	I	4	P4-28_R44	13	R	70	68	61	0.8	69	Yes	-	Yes	No
P	I	4	P4-28_R44	14	R	70	68	61	0.8	69	Yes	-	Yes	No
P	I	4	P4-28_R44	15	R	70	68	60	0.8	69	Yes	-	Yes	No
P	I	4	P4-28_R44	16	R	70	68	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	17	R	70	68	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	18	R	70	68	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	19	R	70	68	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	20	R	70	68	60	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	21	R	70	68	60	0.6	68	Yes	-	Yes	No
P	I	4	P4-28_R44	22	R	70	67	59	0.7	68	Yes	-	Yes	No
P	I	4	P4-28_R44	23	R	70	68	59	0.6	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R44	24	R	70	67	59	0.6	68	Yes	-	Yes	No
P	I	4	P4-28_R44	25	R	70	68	59	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	26	R	70	67	59	0.6	68	Yes	-	Yes	No
P	I	4	P4-28_R44	27	R	70	67	59	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	28	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	29	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	30	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	31	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	32	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	33	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	34	R	70	67	58	0.5	68	Yes	-	Yes	No
P	I	4	P4-28_R44	35	R	70	67	58	0.4	68	Yes	-	Yes	No
P	I	4	P4-28_R44	36	R	70	67	58	0.4	68	Yes	-	Yes	No
P	I	4	P4-28_R44	37	R	70	67	57	0.4	68	Yes	-	Yes	No
P	I	4	P4-28_R44	38	R	70	67	57	0.4	68	Yes	-	Yes	No
P	I	4	P4-28_R45	1	R	70	63	42	0.0	63	Yes	-	Yes	No
P	I	4	P4-28_R45	2	R	70	66	46	0.0	66	Yes	-	Yes	No
P	I	4	P4-28_R45	3	R	70	67	47	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	4	R	70	67	47	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R45	5	R	70	67	47	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	6	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	7	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	8	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R45	9	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R45	10	R	70	69	47	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R45	11	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R45	12	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R45	13	R	70	69	47	0.1	69	Yes	-	Yes	No
P	I	4	P4-28_R45	14	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	4	P4-28_R45	15	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	16	R	70	68	46	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R45	17	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	18	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	19	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	20	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	21	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	22	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	23	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	24	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	25	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	26	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	27	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	28	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R45	29	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	30	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	31	R	70	67	45	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	32	R	70	67	44	0.0	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-28_R45	33	R	70	67	44	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	34	R	70	67	44	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R45	35	R	70	67	44	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	36	R	70	67	44	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	37	R	70	67	44	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R45	38	R	70	67	44	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R46	1	R	70	63	46	0.1	63	Yes	-	Yes	No
P	I	4	P4-28_R46	2	R	70	65	49	0.1	65	Yes	-	Yes	No
P	I	4	P4-28_R46	3	R	70	66	50	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R46	4	R	70	66	50	0.1	66	Yes	-	Yes	No
P	I	4	P4-28_R46	5	R	70	67	50	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R46	6	R	70	67	50	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	7	R	70	68	50	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	8	R	70	68	50	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	9	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	10	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	11	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	12	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	13	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	14	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	15	R	70	68	50	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	16	R	70	68	50	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	17	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	18	R	70	68	49	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	19	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	20	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	21	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	22	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	23	R	70	68	49	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	24	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	25	R	70	68	49	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	26	R	70	68	49	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	27	R	70	68	49	0.0	68	Yes	-	Yes	No
P	I	4	P4-28_R46	28	R	70	67	48	0.1	68	Yes	-	Yes	No
P	I	4	P4-28_R46	29	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	30	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	31	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	32	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	33	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	34	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R46	35	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-28_R46	36	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R46	37	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	4	P4-28_R46	38	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	4	P4-29_R01	1	R	70	56	69	13.8	70	Yes	-	Yes	No
P	I	4	P4-29_R01	2	R	70	56	69	13.6	70	Yes	-	Yes	No
P	I	4	P4-29_R01	3	R	70	56	69	13.3	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-29_R01	4	R	70	56	69	12.9	69	Yes	-	Yes	No
P	I	4	P4-29_R01	5	R	70	57	69	12.5	69	Yes	-	Yes	No
P	I	4	P4-29_R01	6	R	70	57	69	12.0	69	Yes	-	Yes	No
P	I	4	P4-29_R01	7	R	70	57	69	11.5	69	Yes	-	Yes	No
P	I	4	P4-29_R01	8	R	70	58	69	11.3	69	Yes	-	Yes	No
P	I	4	P4-29_R01	9	R	70	58	68	11.0	69	Yes	-	Yes	No
P	I	4	P4-29_R01	10	R	70	58	68	10.6	69	Yes	-	Yes	No
P	I	4	P4-29_R01	11	R	70	58	68	10.2	68	Yes	-	Yes	No
P	I	4	P4-29_R01	12	R	70	58	68	10.1	68	Yes	-	Yes	No
P	I	4	P4-29_R01	13	R	70	58	68	9.8	68	Yes	-	Yes	No
P	I	4	P4-29_R01	14	R	70	58	67	9.6	68	Yes	-	Yes	No
P	I	4	P4-29_R01	15	R	70	58	67	9.4	68	Yes	-	Yes	No
P	I	4	P4-29_R01	16	R	70	58	67	9.4	68	Yes	-	Yes	No
P	I	4	P4-29_R01	17	R	70	58	67	9.2	68	Yes	-	Yes	No
P	I	4	P4-29_R01	18	R	70	58	67	9.0	67	Yes	-	Yes	No
P	I	4	P4-29_R01	19	R	70	58	67	8.9	67	Yes	-	Yes	No
P	I	4	P4-29_R01	20	R	70	58	67	8.7	67	Yes	-	Yes	No
P	I	4	P4-29_R01	21	R	70	59	66	8.5	67	Yes	-	Yes	No
P	I	4	P4-29_R01	22	R	70	59	66	8.4	67	Yes	-	Yes	No
P	I	4	P4-29_R01	23	R	70	59	66	8.3	67	Yes	-	Yes	No
P	I	4	P4-29_R01	24	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-29_R01	25	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-29_R01	26	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	4	P4-29_R01	27	R	70	59	66	7.7	66	Yes	-	Yes	No
P	I	4	P4-29_R01	28	R	70	59	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-29_R01	29	R	70	59	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-29_R01	30	R	70	59	65	7.4	66	Yes	-	Yes	No
P	I	4	P4-29_R01	31	R	70	59	65	7.3	66	Yes	-	Yes	No
P	I	4	P4-29_R01	32	R	70	59	65	7.2	66	Yes	-	Yes	No
P	I	4	P4-29_R01	33	R	70	59	65	7.2	66	Yes	-	Yes	No
P	I	4	P4-29_R01	34	R	70	59	65	7.0	66	Yes	-	Yes	No
P	I	4	P4-29_R01	35	R	70	59	65	6.9	66	Yes	-	Yes	No
P	I	4	P4-29_R01	36	R	70	59	65	6.8	66	Yes	-	Yes	No
P	I	4	P4-29_R01	37	R	70	59	65	6.8	66	Yes	-	Yes	No
P	I	4	P4-29_R01	38	R	70	59	64	6.7	66	Yes	-	Yes	No
P	I	4	P4-29_R01	39	R	70	59	64	6.5	65	Yes	-	Yes	No
P	I	4	P4-29_R02	1	R	70	59	71	12.2	71	No	-	No	Yes
P	I	4	P4-29_R02	2	R	70	59	71	11.9	71	No	-	No	Yes
P	I	4	P4-29_R02	3	R	70	59	71	11.9	71	No	-	No	Yes
P	I	4	P4-29_R02	4	R	70	59	70	11.8	71	Yes	-	No	Yes
P	I	4	P4-29_R02	5	R	70	59	70	11.6	71	Yes	-	No	Yes
P	I	4	P4-29_R02	6	R	70	59	70	11.4	70	Yes	-	Yes	No
P	I	4	P4-29_R02	7	R	70	59	70	11.2	70	Yes	-	Yes	No
P	I	4	P4-29_R02	8	R	70	59	70	11.0	70	Yes	-	Yes	No
P	I	4	P4-29_R02	9	R	70	59	69	10.9	70	Yes	-	Yes	No
P	I	4	P4-29_R02	10	R	70	59	69	10.7	70	Yes	-	Yes	No
P	I	4	P4-29_R02	11	R	70	59	69	10.5	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-29_R02	12	R	70	59	69	10.3	69	Yes	-	Yes	No
P	I	4	P4-29_R02	13	R	70	59	69	10.2	69	Yes	-	Yes	No
P	I	4	P4-29_R02	14	R	70	59	68	10.1	69	Yes	-	Yes	No
P	I	4	P4-29_R02	15	R	70	59	68	9.8	69	Yes	-	Yes	No
P	I	4	P4-29_R02	16	R	70	59	68	9.7	69	Yes	-	Yes	No
P	I	4	P4-29_R02	17	R	70	59	68	9.6	68	Yes	-	Yes	No
P	I	4	P4-29_R02	18	R	70	59	68	9.4	68	Yes	-	Yes	No
P	I	4	P4-29_R02	19	R	70	59	68	9.3	68	Yes	-	Yes	No
P	I	4	P4-29_R02	20	R	70	59	67	9.2	68	Yes	-	Yes	No
P	I	4	P4-29_R02	21	R	70	59	67	9.1	68	Yes	-	Yes	No
P	I	4	P4-29_R02	22	R	70	59	67	9.0	68	Yes	-	Yes	No
P	I	4	P4-29_R02	23	R	70	59	67	8.9	68	Yes	-	Yes	No
P	I	4	P4-29_R02	24	R	70	59	67	8.8	67	Yes	-	Yes	No
P	I	4	P4-29_R02	25	R	70	59	67	8.7	67	Yes	-	Yes	No
P	I	4	P4-29_R02	26	R	70	59	67	8.6	67	Yes	-	Yes	No
P	I	4	P4-29_R02	27	R	70	59	67	8.5	67	Yes	-	Yes	No
P	I	4	P4-29_R02	28	R	70	59	66	8.5	67	Yes	-	Yes	No
P	I	4	P4-29_R02	29	R	70	59	66	8.4	67	Yes	-	Yes	No
P	I	4	P4-29_R02	30	R	70	59	66	8.3	67	Yes	-	Yes	No
P	I	4	P4-29_R02	31	R	70	59	66	8.1	67	Yes	-	Yes	No
P	I	4	P4-29_R02	32	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	4	P4-29_R02	33	R	70	59	66	7.7	67	Yes	-	Yes	No
P	I	4	P4-29_R02	34	R	70	59	66	7.6	67	Yes	-	Yes	No
P	I	4	P4-29_R02	35	R	70	59	66	7.4	67	Yes	-	Yes	No
P	I	4	P4-29_R02	36	R	70	59	66	7.4	67	Yes	-	Yes	No
P	I	4	P4-29_R02	37	R	70	59	66	7.3	66	Yes	-	Yes	No
P	I	4	P4-29_R02	38	R	70	59	65	7.2	66	Yes	-	Yes	No
P	I	4	P4-29_R02	39	R	70	59	65	7.1	66	Yes	-	Yes	No
P	I	4	P4-29_R11	1	R	70	20	51	31.2	51	Yes	-	Yes	No
P	I	4	P4-29_R11	2	R	70	20	51	31.7	51	Yes	-	Yes	No
P	I	4	P4-29_R11	3	R	70	20	52	32.1	52	Yes	-	Yes	No
P	I	4	P4-29_R11	4	R	70	20	52	32.5	52	Yes	-	Yes	No
P	I	4	P4-29_R11	5	R	70	20	53	32.8	53	Yes	-	Yes	No
P	I	4	P4-29_R11	6	R	70	20	53	33.1	53	Yes	-	Yes	No
P	I	4	P4-29_R11	7	R	70	20	53	33.4	53	Yes	-	Yes	No
P	I	4	P4-29_R11	8	R	70	20	53	33.7	53	Yes	-	Yes	No
P	I	4	P4-29_R11	9	R	70	20	54	33.9	54	Yes	-	Yes	No
P	I	4	P4-29_R11	10	R	70	20	54	34.1	54	Yes	-	Yes	No
P	I	4	P4-29_R11	11	R	70	20	54	34.2	54	Yes	-	Yes	No
P	I	4	P4-29_R11	12	R	70	20	54	34.4	54	Yes	-	Yes	No
P	I	4	P4-29_R11	13	R	70	20	54	34.5	54	Yes	-	Yes	No
P	I	4	P4-29_R11	14	R	70	20	54	34.6	54	Yes	-	Yes	No
P	I	4	P4-29_R11	15	R	70	20	54	34.7	54	Yes	-	Yes	No
P	I	4	P4-29_R11	16	R	70	20	54	34.9	54	Yes	-	Yes	No
P	I	4	P4-29_R11	17	R	70	20	54	34.9	54	Yes	-	Yes	No
P	I	4	P4-29_R11	18	R	70	20	55	35.0	55	Yes	-	Yes	No
P	I	4	P4-29_R11	19	R	70	20	55	35.0	55	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-29_R11	20	R	70	20	55	35.0	55	Yes	-	Yes	No
P	I	4	P4-29_R11	21	R	70	20	55	35.0	55	Yes	-	Yes	No
P	I	4	P4-29_R11	22	R	70	20	55	34.9	55	Yes	-	Yes	No
P	I	4	P4-29_R11	23	R	70	20	55	34.8	55	Yes	-	Yes	No
P	I	4	P4-29_R11	24	R	70	20	55	34.7	55	Yes	-	Yes	No
P	I	4	P4-29_R11	25	R	70	20	54	34.6	54	Yes	-	Yes	No
P	I	4	P4-29_R11	26	R	70	20	54	34.8	54	Yes	-	Yes	No
P	I	4	P4-29_R11	27	R	70	20	54	34.6	54	Yes	-	Yes	No
P	I	4	P4-29_R11	28	R	70	20	54	34.4	54	Yes	-	Yes	No
P	I	4	P4-29_R11	29	R	70	20	54	34.6	54	Yes	-	Yes	No
P	I	4	P4-29_R11	30	R	70	20	54	34.3	54	Yes	-	Yes	No
P	I	4	P4-29_R11	31	R	70	20	54	33.9	54	Yes	-	Yes	No
P	I	4	P4-29_R11	32	R	70	21	54	33.4	54	Yes	-	Yes	No
P	I	4	P4-29_R11	33	R	70	21	54	32.8	54	Yes	-	Yes	No
P	I	4	P4-29_R11	34	R	70	22	54	32.3	54	Yes	-	Yes	No
P	I	4	P4-29_R11	35	R	70	22	54	31.6	54	Yes	-	Yes	No
P	I	4	P4-29_R11	36	R	70	23	54	31.0	54	Yes	-	Yes	No
P	I	4	P4-29_R11	37	R	70	24	54	30.5	54	Yes	-	Yes	No
P	I	4	P4-29_R11	38	R	70	24	54	29.8	54	Yes	-	Yes	No
P	I	4	P4-29_R11	39	R	70	25	54	29.1	54	Yes	-	Yes	No
P	I	4	P4-29_R21	1	R	70	18	50	32.0	50	Yes	-	Yes	No
P	I	4	P4-29_R21	2	R	70	55	70	15.0	70	Yes	-	Yes	No
P	I	4	P4-29_R21	3	R	70	18	51	32.4	51	Yes	-	Yes	No
P	I	4	P4-29_R21	4	R	70	56	70	14.5	70	Yes	-	Yes	No
P	I	4	P4-29_R21	5	R	70	18	51	32.9	51	Yes	-	Yes	No
P	I	4	P4-29_R21	6	R	70	56	70	14.0	70	Yes	-	Yes	No
P	I	4	P4-29_R21	7	R	70	18	52	33.3	52	Yes	-	Yes	No
P	I	4	P4-29_R21	8	R	70	56	70	13.7	70	Yes	-	Yes	No
P	I	4	P4-29_R21	9	R	70	18	52	33.6	52	Yes	-	Yes	No
P	I	4	P4-29_R21	10	R	70	56	69	13.5	70	Yes	-	Yes	No
P	I	4	P4-29_R21	11	R	70	18	52	33.9	52	Yes	-	Yes	No
P	I	4	P4-29_R21	12	R	70	56	69	13.3	69	Yes	-	Yes	No
P	I	4	P4-29_R21	13	R	70	18	52	34.2	52	Yes	-	Yes	No
P	I	4	P4-29_R21	14	R	70	56	69	13.1	69	Yes	-	Yes	No
P	I	4	P4-29_R21	15	R	70	18	53	34.6	53	Yes	-	Yes	No
P	I	4	P4-29_R21	16	R	70	56	69	12.9	69	Yes	-	Yes	No
P	I	4	P4-29_R21	17	R	70	18	53	34.9	53	Yes	-	Yes	No
P	I	4	P4-29_R21	18	R	70	56	68	12.7	69	Yes	-	Yes	No
P	I	4	P4-29_R21	19	R	70	18	53	35.1	53	Yes	-	Yes	No
P	I	4	P4-29_R21	20	R	70	56	68	12.5	68	Yes	-	Yes	No
P	I	4	P4-29_R21	21	R	70	18	53	35.2	53	Yes	-	Yes	No
P	I	4	P4-29_R21	22	R	70	56	68	12.3	68	Yes	-	Yes	No
P	I	4	P4-29_R21	23	R	70	18	54	35.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	24	R	70	56	68	12.1	68	Yes	-	Yes	No
P	I	4	P4-29_R21	25	R	70	18	54	35.5	54	Yes	-	Yes	No
P	I	4	P4-29_R21	26	R	70	56	68	12.0	68	Yes	-	Yes	No
P	I	4	P4-29_R21	27	R	70	18	54	35.6	54	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-29_R21	28	R	70	56	67	11.9	68	Yes	-	Yes	No
P	I	4	P4-29_R21	29	R	70	18	54	35.6	54	Yes	-	Yes	No
P	I	4	P4-29_R21	30	R	70	56	67	11.6	68	Yes	-	Yes	No
P	I	4	P4-29_R21	31	R	70	18	54	35.7	54	Yes	-	Yes	No
P	I	4	P4-29_R21	32	R	70	56	67	11.5	67	Yes	-	Yes	No
P	I	4	P4-29_R21	33	R	70	18	54	35.7	54	Yes	-	Yes	No
P	I	4	P4-29_R21	34	R	70	56	67	11.4	67	Yes	-	Yes	No
P	I	4	P4-29_R21	35	R	70	18	54	35.8	54	Yes	-	Yes	No
P	I	4	P4-29_R21	36	R	70	56	67	11.2	67	Yes	-	Yes	No
P	I	4	P4-29_R21	37	R	70	18	54	36.0	54	Yes	-	Yes	No
P	I	4	P4-29_R21	38	R	70	56	67	11.1	67	Yes	-	Yes	No
P	I	4	P4-29_R21	39	R	70	18	54	36.0	54	Yes	-	Yes	No
P	I	4	P4-29_R21	40	R	70	56	67	10.9	67	Yes	-	Yes	No
P	I	4	P4-29_R21	41	R	70	18	54	36.0	54	Yes	-	Yes	No
P	I	4	P4-29_R21	42	R	70	56	66	11.0	67	Yes	-	Yes	No
P	I	4	P4-29_R21	43	R	70	18	54	36.1	54	Yes	-	Yes	No
P	I	4	P4-29_R21	44	R	70	56	66	10.8	67	Yes	-	Yes	No
P	I	4	P4-29_R21	45	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	46	R	70	56	66	10.7	67	Yes	-	Yes	No
P	I	4	P4-29_R21	47	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	48	R	70	56	66	10.5	66	Yes	-	Yes	No
P	I	4	P4-29_R21	49	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	50	R	70	56	66	10.5	66	Yes	-	Yes	No
P	I	4	P4-29_R21	51	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	52	R	70	56	66	10.5	66	Yes	-	Yes	No
P	I	4	P4-29_R21	53	R	70	18	54	36.5	54	Yes	-	Yes	No
P	I	4	P4-29_R21	54	R	70	56	66	10.4	66	Yes	-	Yes	No
P	I	4	P4-29_R21	55	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	56	R	70	56	66	10.1	66	Yes	-	Yes	No
P	I	4	P4-29_R21	57	R	70	18	54	36.5	54	Yes	-	Yes	No
P	I	4	P4-29_R21	58	R	70	56	65	10.1	66	Yes	-	Yes	No
P	I	4	P4-29_R21	59	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	60	R	70	56	65	10.0	66	Yes	-	Yes	No
P	I	4	P4-29_R21	61	R	70	18	54	36.4	54	Yes	-	Yes	No
P	I	4	P4-29_R21	62	R	70	56	65	9.9	66	Yes	-	Yes	No
P	I	4	P4-29_R21	63	R	70	18	54	36.5	54	Yes	-	Yes	No
P	I	4	P4-29_R21	64	R	70	56	65	9.8	66	Yes	-	Yes	No
P	I	4	P4-29_R21	65	R	70	18	54	36.3	54	Yes	-	Yes	No
P	I	4	P4-29_R21	66	R	70	56	65	9.9	66	Yes	-	Yes	No
P	I	4	P4-29_R21	67	R	70	18	54	36.3	54	Yes	-	Yes	No
P	I	4	P4-29_R21	68	R	70	56	65	9.7	65	Yes	-	Yes	No
P	I	4	P4-29_R21	69	R	70	18	54	36.2	54	Yes	-	Yes	No
P	I	4	P4-29_R21	70	R	70	56	65	9.6	65	Yes	-	Yes	No
P	I	4	P4-29_R21	71	R	70	18	54	36.0	54	Yes	-	Yes	No
P	I	4	P4-29_R21	72	R	70	56	65	9.4	65	Yes	-	Yes	No
P	I	4	P4-29_R21	73	R	70	18	54	36.0	54	Yes	-	Yes	No
P	I	4	P4-29_R21	74	R	70	56	65	9.2	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-29_R21	75	R	70	18	54	35.8	54	Yes	-	Yes	No
P	I	4	P4-29_R21	76	R	70	56	65	8.8	65	Yes	-	Yes	No
P	I	4	P4-29_R21	77	R	70	57	65	8.4	65	Yes	-	Yes	No
P	I	4	P4-29_R31	1	R	70	46	66	19.9	66	Yes	-	Yes	No
P	I	4	P4-29_R31	2	R	70	47	68	21.0	68	Yes	-	Yes	No
P	I	4	P4-29_R31	3	R	70	48	69	20.2	69	Yes	-	Yes	No
P	I	4	P4-29_R31	4	R	70	50	68	18.9	68	Yes	-	Yes	No
P	I	4	P4-29_R31	5	R	70	51	68	17.5	68	Yes	-	Yes	No
P	I	4	P4-29_R31	6	R	70	51	68	16.6	68	Yes	-	Yes	No
P	I	4	P4-29_R31	7	R	70	52	68	15.3	68	Yes	-	Yes	No
P	I	4	P4-29_R31	8	R	70	53	67	14.4	67	Yes	-	Yes	No
P	I	4	P4-29_R31	9	R	70	54	67	13.7	67	Yes	-	Yes	No
P	I	4	P4-29_R31	10	R	70	54	67	13.1	67	Yes	-	Yes	No
P	I	4	P4-29_R31	11	R	70	54	67	12.6	67	Yes	-	Yes	No
P	I	4	P4-29_R31	12	R	70	55	66	12.1	67	Yes	-	Yes	No
P	I	4	P4-29_R31	13	R	70	55	66	11.6	67	Yes	-	Yes	No
P	I	4	P4-29_R31	14	R	70	55	66	11.3	66	Yes	-	Yes	No
P	I	4	P4-29_R31	15	R	70	55	66	11.0	66	Yes	-	Yes	No
P	I	4	P4-29_R31	16	R	70	55	66	10.7	66	Yes	-	Yes	No
P	I	4	P4-29_R31	17	R	70	55	66	10.6	66	Yes	-	Yes	No
P	I	4	P4-29_R31	18	R	70	55	65	10.4	66	Yes	-	Yes	No
P	I	4	P4-29_R31	19	R	70	55	65	10.2	66	Yes	-	Yes	No
P	I	4	P4-29_R31	20	R	70	55	65	10.1	66	Yes	-	Yes	No
P	I	4	P4-29_R31	21	R	70	55	65	9.9	65	Yes	-	Yes	No
P	I	4	P4-29_R31	22	R	70	55	65	9.8	65	Yes	-	Yes	No
P	I	4	P4-29_R31	23	R	70	55	65	9.7	65	Yes	-	Yes	No
P	I	4	P4-29_R31	24	R	70	55	64	9.6	65	Yes	-	Yes	No
P	I	4	P4-29_R31	25	R	70	55	64	9.5	65	Yes	-	Yes	No
P	I	4	P4-29_R31	26	R	70	55	64	9.4	65	Yes	-	Yes	No
P	I	4	P4-29_R31	27	R	70	55	64	9.3	65	Yes	-	Yes	No
P	I	4	P4-29_R31	28	R	70	55	64	9.3	65	Yes	-	Yes	No
P	I	4	P4-29_R31	29	R	70	55	64	9.2	64	Yes	-	Yes	No
P	I	4	P4-29_R31	30	R	70	55	64	9.1	64	Yes	-	Yes	No
P	I	4	P4-29_R31	31	R	70	55	64	9.1	64	Yes	-	Yes	No
P	I	4	P4-29_R31	32	R	70	55	64	9.0	64	Yes	-	Yes	No
P	I	4	P4-29_R31	33	R	70	55	63	8.9	64	Yes	-	Yes	No
P	I	4	P4-29_R31	34	R	70	55	63	8.9	64	Yes	-	Yes	No
P	I	4	P4-29_R31	35	R	70	55	63	8.8	64	Yes	-	Yes	No
P	I	4	P4-29_R31	36	R	70	55	63	8.7	64	Yes	-	Yes	No
P	I	4	P4-29_R31	37	R	70	55	63	8.6	64	Yes	-	Yes	No
P	I	4	P4-29_R31	38	R	70	55	63	8.5	64	Yes	-	Yes	No
P	I	4	P4-32_R01	1	R	70	62	59	1.7	64	Yes	-	Yes	No
P	I	4	P4-32_R01	2	R	70	63	59	1.5	65	Yes	-	Yes	No
P	I	4	P4-32_R01	3	R	70	63	59	1.4	65	Yes	-	Yes	No
P	I	4	P4-32_R01	4	R	70	63	59	1.4	65	Yes	-	Yes	No
P	I	4	P4-32_R01	5	R	70	64	59	1.3	65	Yes	-	Yes	No
P	I	4	P4-32_R01	6	R	70	64	59	1.2	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-32_R01	7	R	70	64	59	1.1	65	Yes	-	Yes	No
P	I	4	P4-32_R01	8	R	70	64	59	1.1	65	Yes	-	Yes	No
P	I	4	P4-32_R01	9	R	70	64	58	1.0	65	Yes	-	Yes	No
P	I	4	P4-32_R01	10	R	70	64	58	0.9	65	Yes	-	Yes	No
P	I	4	P4-32_R01	11	R	70	64	58	0.9	65	Yes	-	Yes	No
P	I	4	P4-32_R01	12	R	70	64	58	0.9	65	Yes	-	Yes	No
P	I	4	P4-32_R01	13	R	70	64	58	0.9	65	Yes	-	Yes	No
P	I	4	P4-32_R01	14	R	70	64	58	0.8	65	Yes	-	Yes	No
P	I	4	P4-32_R01	15	R	70	64	57	0.9	65	Yes	-	Yes	No
P	I	4	P4-32_R01	16	R	70	64	57	0.8	65	Yes	-	Yes	No
P	I	4	P4-32_R01	17	R	70	65	57	0.7	65	Yes	-	Yes	No
P	I	4	P4-32_R01	18	R	70	65	57	0.6	66	Yes	-	Yes	No
P	I	4	P4-32_R01	19	R	70	66	57	0.5	66	Yes	-	Yes	No
P	I	4	P4-32_R01	20	R	70	66	57	0.5	67	Yes	-	Yes	No
P	I	4	P4-32_R01	21	R	70	67	57	0.5	67	Yes	-	Yes	No
P	I	4	P4-32_R01	22	R	70	67	57	0.4	67	Yes	-	Yes	No
P	I	4	P4-32_R01	23	R	70	67	57	0.4	68	Yes	-	Yes	No
P	I	4	P4-32_R01	24	R	70	68	57	0.3	68	Yes	-	Yes	No
P	I	4	P4-32_R01	25	R	70	68	57	0.4	68	Yes	-	Yes	No
P	I	4	P4-32_R01	26	R	70	68	57	0.3	68	Yes	-	Yes	No
P	I	4	P4-32_R01	27	R	70	68	57	0.3	69	Yes	-	Yes	No
P	I	4	P4-32_R01	28	R	70	69	56	0.3	69	Yes	-	Yes	No
P	I	4	P4-32_R01	29	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-32_R01	30	R	70	69	56	0.3	69	Yes	-	Yes	No
P	I	4	P4-32_R01	31	R	70	69	56	0.2	69	Yes	-	Yes	No
P	I	4	P4-32_R01	32	R	70	69	56	0.3	69	Yes	-	Yes	No
P	I	4	P4-32_R02	1	R	70	67	70	4.7	71	Yes	-	No	Yes
P	I	4	P4-32_R02	2	R	70	67	69	4.4	71	Yes	-	No	Yes
P	I	4	P4-32_R02	3	R	70	67	69	4.1	71	Yes	-	No	Yes
P	I	4	P4-32_R02	4	R	70	67	69	3.8	71	Yes	-	No	Yes
P	I	4	P4-32_R02	5	R	70	68	69	3.6	71	Yes	-	No	Yes
P	I	4	P4-32_R02	6	R	70	68	68	3.4	71	Yes	-	No	Yes
P	I	4	P4-32_R02	7	R	70	68	68	3.2	71	Yes	-	No	Yes
P	I	4	P4-32_R02	8	R	70	68	68	3.0	71	Yes	-	No	Yes
P	I	4	P4-32_R02	9	R	70	68	68	2.9	71	Yes	-	No	Yes
P	I	4	P4-32_R02	10	R	70	68	67	2.8	71	Yes	-	No	Yes
P	I	4	P4-32_R02	11	R	70	68	67	2.7	71	Yes	-	No	Yes
P	I	4	P4-32_R02	12	R	70	68	67	2.6	70	Yes	-	Yes	No
P	I	4	P4-32_R02	13	R	70	68	67	2.5	70	Yes	-	Yes	No
P	I	4	P4-32_R02	14	R	70	68	67	2.5	70	Yes	-	Yes	No
P	I	4	P4-32_R02	15	R	70	68	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-32_R02	16	R	70	68	66	2.4	70	Yes	-	Yes	No
P	I	4	P4-32_R02	17	R	70	68	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-32_R02	18	R	70	67	66	2.3	70	Yes	-	Yes	No
P	I	4	P4-32_R02	19	R	70	67	66	2.2	70	Yes	-	Yes	No
P	I	4	P4-32_R02	20	R	70	67	65	2.1	69	Yes	-	Yes	No
P	I	4	P4-32_R02	21	R	70	67	65	2.1	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-32_R02	22	R	70	67	65	2.1	69	Yes	-	Yes	No
P	I	4	P4-32_R02	23	R	70	67	65	2.0	69	Yes	-	Yes	No
P	I	4	P4-32_R02	24	R	70	67	65	2.0	69	Yes	-	Yes	No
P	I	4	P4-32_R02	25	R	70	67	65	2.0	69	Yes	-	Yes	No
P	I	4	P4-32_R02	26	R	70	67	64	2.0	69	Yes	-	Yes	No
P	I	4	P4-32_R02	27	R	70	67	64	2.0	69	Yes	-	Yes	No
P	I	4	P4-32_R02	28	R	70	67	64	1.9	69	Yes	-	Yes	No
P	I	4	P4-32_R02	29	R	70	67	64	1.9	69	Yes	-	Yes	No
P	I	4	P4-32_R02	30	R	70	67	64	1.8	69	Yes	-	Yes	No
P	I	4	P4-32_R02	31	R	70	67	64	1.7	69	Yes	-	Yes	No
P	I	4	P4-32_R02	32	R	70	67	64	1.7	69	Yes	-	Yes	No
P	I	4	P4-32_R03	1	R	70	31	71	40.1	71	No	-	No	Yes
P	I	4	P4-32_R03	2	R	70	31	71	40.0	71	No	-	No	Yes
P	I	4	P4-32_R03	3	R	70	31	70	39.8	70	Yes	-	Yes	No
P	I	4	P4-32_R03	4	R	70	31	70	39.6	70	Yes	-	Yes	No
P	I	4	P4-32_R03	5	R	70	31	70	39.4	70	Yes	-	Yes	No
P	I	4	P4-32_R03	6	R	70	31	70	39.2	70	Yes	-	Yes	No
P	I	4	P4-32_R03	7	R	70	31	70	39.0	70	Yes	-	Yes	No
P	I	4	P4-32_R03	8	R	70	31	69	38.7	69	Yes	-	Yes	No
P	I	4	P4-32_R03	9	R	70	31	69	38.5	69	Yes	-	Yes	No
P	I	4	P4-32_R03	10	R	70	30	69	38.4	69	Yes	-	Yes	No
P	I	4	P4-32_R03	11	R	70	30	69	38.1	69	Yes	-	Yes	No
P	I	4	P4-32_R03	12	R	70	30	68	38.0	68	Yes	-	Yes	No
P	I	4	P4-32_R03	13	R	70	30	68	37.9	68	Yes	-	Yes	No
P	I	4	P4-32_R03	14	R	70	30	68	37.7	68	Yes	-	Yes	No
P	I	4	P4-32_R03	15	R	70	30	68	37.6	68	Yes	-	Yes	No
P	I	4	P4-32_R03	16	R	70	30	68	37.4	68	Yes	-	Yes	No
P	I	4	P4-32_R03	17	R	70	30	67	37.3	67	Yes	-	Yes	No
P	I	4	P4-32_R03	18	R	70	30	67	37.2	67	Yes	-	Yes	No
P	I	4	P4-32_R03	19	R	70	30	67	37.0	67	Yes	-	Yes	No
P	I	4	P4-32_R03	20	R	70	30	67	36.9	67	Yes	-	Yes	No
P	I	4	P4-32_R03	21	R	70	30	67	36.8	67	Yes	-	Yes	No
P	I	4	P4-32_R03	22	R	70	30	66	36.7	66	Yes	-	Yes	No
P	I	4	P4-32_R03	23	R	70	30	66	36.6	66	Yes	-	Yes	No
P	I	4	P4-32_R03	24	R	70	30	66	36.5	66	Yes	-	Yes	No
P	I	4	P4-32_R03	25	R	70	29	66	36.5	66	Yes	-	Yes	No
P	I	4	P4-32_R03	26	R	70	29	66	36.4	66	Yes	-	Yes	No
P	I	4	P4-32_R03	27	R	70	29	66	36.3	66	Yes	-	Yes	No
P	I	4	P4-32_R03	28	R	70	29	66	36.3	66	Yes	-	Yes	No
P	I	4	P4-32_R03	29	R	70	29	65	36.2	65	Yes	-	Yes	No
P	I	4	P4-32_R03	30	R	70	29	65	36.1	65	Yes	-	Yes	No
P	I	4	P4-32_R03	31	R	70	29	65	36.1	65	Yes	-	Yes	No
P	I	4	P4-32_R03	32	R	70	29	65	36.1	65	Yes	-	Yes	No
P	I	4	P4-32_R04	1	R	70	30	72	42.8	72	No	-	No	Yes
P	I	4	P4-32_R04	2	R	70	30	72	42.6	72	No	-	No	Yes
P	I	4	P4-32_R04	3	R	70	30	72	42.4	72	No	-	No	Yes
P	I	4	P4-32_R04	4	R	70	30	72	42.1	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-32_R04	5	R	70	30	71	41.7	71	No	-	No	Yes
P	I	4	P4-32_R04	6	R	70	30	71	41.4	71	No	-	No	Yes
P	I	4	P4-32_R04	7	R	70	30	71	41.2	71	No	-	No	Yes
P	I	4	P4-32_R04	8	R	70	30	71	40.9	71	No	-	No	Yes
P	I	4	P4-32_R04	9	R	70	30	70	40.6	70	Yes	-	Yes	No
P	I	4	P4-32_R04	10	R	70	30	70	40.4	70	Yes	-	Yes	No
P	I	4	P4-32_R04	11	R	70	30	70	40.1	70	Yes	-	Yes	No
P	I	4	P4-32_R04	12	R	70	30	70	39.9	70	Yes	-	Yes	No
P	I	4	P4-32_R04	13	R	70	30	69	39.6	69	Yes	-	Yes	No
P	I	4	P4-32_R04	14	R	70	30	69	39.4	69	Yes	-	Yes	No
P	I	4	P4-32_R04	15	R	70	30	69	39.3	69	Yes	-	Yes	No
P	I	4	P4-32_R04	16	R	70	30	69	39.1	69	Yes	-	Yes	No
P	I	4	P4-32_R04	17	R	70	30	69	38.9	69	Yes	-	Yes	No
P	I	4	P4-32_R04	18	R	70	30	68	38.8	68	Yes	-	Yes	No
P	I	4	P4-32_R04	19	R	70	30	68	38.6	68	Yes	-	Yes	No
P	I	4	P4-32_R04	20	R	70	29	68	38.5	68	Yes	-	Yes	No
P	I	4	P4-32_R04	21	R	70	29	68	38.4	68	Yes	-	Yes	No
P	I	4	P4-32_R04	22	R	70	29	68	38.3	68	Yes	-	Yes	No
P	I	4	P4-32_R04	23	R	70	29	67	38.1	67	Yes	-	Yes	No
P	I	4	P4-32_R04	24	R	70	29	67	38.1	67	Yes	-	Yes	No
P	I	4	P4-32_R04	25	R	70	29	67	37.9	67	Yes	-	Yes	No
P	I	4	P4-32_R04	26	R	70	29	67	37.9	67	Yes	-	Yes	No
P	I	4	P4-32_R04	27	R	70	29	67	37.8	67	Yes	-	Yes	No
P	I	4	P4-32_R04	28	R	70	29	67	37.7	67	Yes	-	Yes	No
P	I	4	P4-32_R04	29	R	70	29	67	37.7	67	Yes	-	Yes	No
P	I	4	P4-32_R04	30	R	70	29	66	37.5	66	Yes	-	Yes	No
P	I	4	P4-32_R04	31	R	70	29	66	37.5	66	Yes	-	Yes	No
P	I	4	P4-32_R04	32	R	70	29	66	37.6	66	Yes	-	Yes	No
P	I	4	P4-32_R11	1	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	2	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	3	R	70	68	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	4	R	70	68	52	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	5	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	6	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	7	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	8	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	9	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	10	R	70	68	52	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	11	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	12	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	13	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	14	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	15	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	16	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	17	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	18	R	70	68	51	0.0	68	Yes	-	Yes	No
P	I	4	P4-32_R11	19	R	70	68	51	0.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-32_R11	20	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	21	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	22	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	23	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	24	R	70	68	51	0.0	68	Yes	-	Yes	No
P	I	4	P4-32_R11	25	R	70	68	51	0.1	68	Yes	-	Yes	No
P	I	4	P4-32_R11	26	R	70	68	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	27	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	28	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	29	R	70	69	50	0.0	69	Yes	-	Yes	No
P	I	4	P4-32_R11	30	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	31	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R11	32	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	4	P4-32_R12	1	R	70	54	63	9.6	64	Yes	-	Yes	No
P	I	4	P4-32_R12	2	R	70	55	63	8.8	64	Yes	-	Yes	No
P	I	4	P4-32_R12	3	R	70	56	63	8.1	64	Yes	-	Yes	No
P	I	4	P4-32_R12	4	R	70	56	63	7.8	64	Yes	-	Yes	No
P	I	4	P4-32_R12	5	R	70	56	63	7.5	64	Yes	-	Yes	No
P	I	4	P4-32_R12	6	R	70	57	63	7.2	64	Yes	-	Yes	No
P	I	4	P4-32_R12	7	R	70	57	63	6.7	64	Yes	-	Yes	No
P	I	4	P4-32_R12	8	R	70	57	63	6.4	64	Yes	-	Yes	No
P	I	4	P4-32_R12	9	R	70	58	62	6.1	64	Yes	-	Yes	No
P	I	4	P4-32_R12	10	R	70	58	62	5.9	64	Yes	-	Yes	No
P	I	4	P4-32_R12	11	R	70	58	62	5.8	63	Yes	-	Yes	No
P	I	4	P4-32_R12	12	R	70	58	62	5.7	63	Yes	-	Yes	No
P	I	4	P4-32_R12	13	R	70	58	62	5.7	63	Yes	-	Yes	No
P	I	4	P4-32_R12	14	R	70	58	62	5.6	63	Yes	-	Yes	No
P	I	4	P4-32_R12	15	R	70	58	61	5.4	63	Yes	-	Yes	No
P	I	4	P4-32_R12	16	R	70	58	61	5.2	63	Yes	-	Yes	No
P	I	4	P4-32_R12	17	R	70	58	61	4.7	63	Yes	-	Yes	No
P	I	4	P4-32_R12	18	R	70	59	61	4.3	63	Yes	-	Yes	No
P	I	4	P4-32_R12	19	R	70	59	61	3.8	63	Yes	-	Yes	No
P	I	4	P4-32_R12	20	R	70	60	61	3.3	63	Yes	-	Yes	No
P	I	4	P4-32_R12	21	R	70	61	61	2.9	64	Yes	-	Yes	No
P	I	4	P4-32_R12	22	R	70	61	60	2.5	64	Yes	-	Yes	No
P	I	4	P4-32_R12	23	R	70	62	60	2.2	64	Yes	-	Yes	No
P	I	4	P4-32_R12	24	R	70	63	60	1.9	65	Yes	-	Yes	No
P	I	4	P4-32_R12	25	R	70	63	60	1.7	65	Yes	-	Yes	No
P	I	4	P4-32_R12	26	R	70	64	60	1.6	65	Yes	-	Yes	No
P	I	4	P4-32_R12	27	R	70	64	60	1.4	65	Yes	-	Yes	No
P	I	4	P4-32_R12	28	R	70	64	60	1.3	66	Yes	-	Yes	No
P	I	4	P4-32_R12	29	R	70	65	60	1.1	66	Yes	-	Yes	No
P	I	4	P4-32_R12	30	R	70	65	60	1.0	66	Yes	-	Yes	No
P	I	4	P4-32_R12	31	R	70	66	60	0.9	67	Yes	-	Yes	No
P	I	4	P4-32_R12	32	R	70	66	59	0.9	67	Yes	-	Yes	No
P	I	4	P4-32_R13	1	R	70	55	73	17.9	73	No	-	No	Yes
P	I	4	P4-32_R13	2	R	70	55	72	17.2	72	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-32_R13	3	R	70	55	72	16.7	72	No	-	No	Yes
P	I	4	P4-32_R13	4	R	70	55	72	16.3	72	No	-	No	Yes
P	I	4	P4-32_R13	5	R	70	56	71	15.8	71	No	-	No	Yes
P	I	4	P4-32_R13	6	R	70	56	71	15.5	71	No	-	No	Yes
P	I	4	P4-32_R13	7	R	70	56	71	15.2	71	No	-	No	Yes
P	I	4	P4-32_R13	8	R	70	56	70	14.9	70	Yes	-	Yes	No
P	I	4	P4-32_R13	9	R	70	55	70	14.7	70	Yes	-	Yes	No
P	I	4	P4-32_R13	10	R	70	55	70	14.4	70	Yes	-	Yes	No
P	I	4	P4-32_R13	11	R	70	55	69	14.2	70	Yes	-	Yes	No
P	I	4	P4-32_R13	12	R	70	55	69	13.9	69	Yes	-	Yes	No
P	I	4	P4-32_R13	13	R	70	55	69	13.7	69	Yes	-	Yes	No
P	I	4	P4-32_R13	14	R	70	55	69	13.6	69	Yes	-	Yes	No
P	I	4	P4-32_R13	15	R	70	55	69	13.4	69	Yes	-	Yes	No
P	I	4	P4-32_R13	16	R	70	55	68	13.2	69	Yes	-	Yes	No
P	I	4	P4-32_R13	17	R	70	56	68	12.8	68	Yes	-	Yes	No
P	I	4	P4-32_R13	18	R	70	56	68	12.5	68	Yes	-	Yes	No
P	I	4	P4-32_R13	19	R	70	56	68	12.1	68	Yes	-	Yes	No
P	I	4	P4-32_R13	20	R	70	56	68	11.7	68	Yes	-	Yes	No
P	I	4	P4-32_R13	21	R	70	56	67	11.4	68	Yes	-	Yes	No
P	I	4	P4-32_R13	22	R	70	57	67	10.9	68	Yes	-	Yes	No
P	I	4	P4-32_R13	23	R	70	57	67	10.6	68	Yes	-	Yes	No
P	I	4	P4-32_R13	24	R	70	57	67	10.3	67	Yes	-	Yes	No
P	I	4	P4-32_R13	25	R	70	57	67	10.1	67	Yes	-	Yes	No
P	I	4	P4-32_R13	26	R	70	57	67	9.8	67	Yes	-	Yes	No
P	I	4	P4-32_R13	27	R	70	58	67	9.5	67	Yes	-	Yes	No
P	I	4	P4-32_R13	28	R	70	58	66	9.3	67	Yes	-	Yes	No
P	I	4	P4-32_R13	29	R	70	58	66	9.0	67	Yes	-	Yes	No
P	I	4	P4-32_R13	30	R	70	58	66	8.8	67	Yes	-	Yes	No
P	I	4	P4-32_R13	31	R	70	58	66	8.6	67	Yes	-	Yes	No
P	I	4	P4-32_R13	32	R	70	58	66	8.5	67	Yes	-	Yes	No
P	I	4	P4-32_R14	1	R	70	68	67	2.4	71	Yes	-	No	Yes
P	I	4	P4-32_R14	2	R	70	69	67	2.3	71	Yes	-	No	Yes
P	I	4	P4-32_R14	3	R	70	69	67	2.2	71	Yes	-	No	Yes
P	I	4	P4-32_R14	4	R	70	69	67	2.2	71	Yes	-	No	Yes
P	I	4	P4-32_R14	5	R	70	69	67	2.2	71	Yes	-	No	Yes
P	I	4	P4-32_R14	6	R	70	69	67	2.1	71	Yes	-	No	Yes
P	I	4	P4-32_R14	7	R	70	69	66	2.0	71	Yes	-	No	Yes
P	I	4	P4-32_R14	8	R	70	69	66	2.0	71	Yes	-	No	Yes
P	I	4	P4-32_R14	9	R	70	69	66	2.0	71	Yes	-	No	Yes
P	I	4	P4-32_R14	10	R	70	68	66	2.0	70	Yes	-	Yes	No
P	I	4	P4-32_R14	11	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-32_R14	12	R	70	68	66	1.9	70	Yes	-	Yes	No
P	I	4	P4-32_R14	13	R	70	68	65	1.8	70	Yes	-	Yes	No
P	I	4	P4-32_R14	14	R	70	68	65	1.8	70	Yes	-	Yes	No
P	I	4	P4-32_R14	15	R	70	68	65	1.7	70	Yes	-	Yes	No
P	I	4	P4-32_R14	16	R	70	68	65	1.7	70	Yes	-	Yes	No
P	I	4	P4-32_R14	17	R	70	68	65	1.6	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-32_R14	18	R	70	68	65	1.7	70	Yes	-	Yes	No
P	I	4	P4-32_R14	19	R	70	68	65	1.6	70	Yes	-	Yes	No
P	I	4	P4-32_R14	20	R	70	68	64	1.6	70	Yes	-	Yes	No
P	I	4	P4-32_R14	21	R	70	68	64	1.6	70	Yes	-	Yes	No
P	I	4	P4-32_R14	22	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-32_R14	23	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-32_R14	24	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-32_R14	25	R	70	68	64	1.5	69	Yes	-	Yes	No
P	I	4	P4-32_R14	26	R	70	68	64	1.4	69	Yes	-	Yes	No
P	I	4	P4-32_R14	27	R	70	68	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-32_R14	28	R	70	68	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-32_R14	29	R	70	68	63	1.3	69	Yes	-	Yes	No
P	I	4	P4-32_R14	30	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-32_R14	31	R	70	67	63	1.4	69	Yes	-	Yes	No
P	I	4	P4-32_R14	32	R	70	67	63	1.3	69	Yes	-	Yes	No
P	I	4	P4-33_E01	1	E	65	74	56	0.1	74	Yes	-	No	Yes
P	I	4	P4-33_E01	2	E	65	75	57	0.1	75	Yes	-	No	Yes
P	I	4	P4-33_E01	3	E	65	75	57	0.1	75	Yes	-	No	Yes
P	I	4	P4-33_E01	4	E	65	74	57	0.1	75	Yes	-	No	Yes
P	I	4	P4-33_E01	5	E	65	74	57	0.1	74	Yes	-	No	Yes
P	I	4	P4-33_E01	6	E	65	74	57	0.0	74	Yes	-	No	Yes
P	I	4	P4-33_E01	7	E	65	74	57	0.1	74	Yes	-	No	Yes
P	I	4	P4-33_E01	8	E	65	74	57	0.1	74	Yes	-	No	Yes
P	I	4	P4-33_E02	1	E	65	64	67	4.7	69	No	-	No	Yes
P	I	4	P4-33_E02	2	E	65	66	68	4.4	70	No	-	No	Yes
P	I	4	P4-33_E02	3	E	65	66	68	4.1	70	No	-	No	Yes
P	I	4	P4-33_E02	4	E	65	66	67	3.6	70	No	-	No	Yes
P	I	4	P4-33_E02	5	E	65	67	67	2.9	70	No	-	No	Yes
P	I	4	P4-33_E02	6	E	65	68	67	2.5	70	No	-	No	Yes
P	I	4	P4-33_E02	7	E	65	68	66	2.2	70	No	-	No	Yes
P	I	4	P4-33_E02	8	E	65	68	66	2.1	70	No	-	No	Yes
P	I	4	P4-33_E03	1	E	65	16	69	52.9	69	No	-	No	Yes
P	I	4	P4-33_E03	2	E	65	16	70	53.1	70	No	-	No	Yes
P	I	4	P4-33_E03	3	E	65	16	69	53.0	69	No	-	No	Yes
P	I	4	P4-33_E03	4	E	65	16	69	52.6	69	No	-	No	Yes
P	I	4	P4-33_E03	5	E	65	16	69	52.2	69	No	-	No	Yes
P	I	4	P4-33_E03	6	E	65	16	68	51.8	68	No	-	No	Yes
P	I	4	P4-33_E03	7	E	65	17	68	50.9	68	No	-	No	Yes
P	I	4	P4-33_E03	8	E	65	17	67	50.1	67	No	-	No	Yes
P	I	4	P4-36_E01	1	E	65	61	67	6.8	68	No	-	No	Yes
P	I	4	P4-36_E01	2	E	65	63	69	6.8	70	No	-	No	Yes
P	I	4	P4-36_E01	3	E	65	64	69	6.3	70	No	-	No	Yes
P	I	4	P4-36_E01	4	E	65	64	69	6.0	70	No	-	No	Yes
P	I	4	P4-36_E01	5	E	65	64	68	5.8	70	No	-	No	Yes
P	I	4	P4-36_E01	6	E	65	64	68	5.6	70	No	-	No	Yes
P	I	4	P4-36_E01	7	E	65	64	68	5.4	69	No	-	No	Yes
P	I	4	P4-36_E01	8	E	65	64	68	5.3	69	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-36_E02	1	E	65	9	66	57.9	66	No	-	No	Yes
P	I	4	P4-36_E02	2	E	65	9	68	59.2	68	No	-	No	Yes
P	I	4	P4-36_E02	3	E	65	9	68	59.3	68	No	-	No	Yes
P	I	4	P4-36_E02	4	E	65	9	68	59.2	68	No	-	No	Yes
P	I	4	P4-36_E02	5	E	65	8	68	59.3	68	No	-	No	Yes
P	I	4	P4-36_E02	6	E	65	8	68	60.1	68	No	-	No	Yes
P	I	4	P4-36_E02	7	E	65	8	67	58.9	67	No	-	No	Yes
P	I	4	P4-36_E02	8	E	65	8	67	58.7	67	No	-	No	Yes
P	I	4	P4-36_E03	1	E	65	61	68	8.2	69	No	-	No	Yes
P	I	4	P4-36_E03	2	E	65	63	69	7.0	70	No	-	No	Yes
P	I	4	P4-36_E03	3	E	65	63	68	6.2	69	No	-	No	Yes
P	I	4	P4-36_E03	4	E	65	63	68	5.8	69	No	-	No	Yes
P	I	4	P4-36_E03	5	E	65	63	67	5.4	69	No	-	No	Yes
P	I	4	P4-36_E03	6	E	65	64	67	5.0	69	No	-	No	Yes
P	I	4	P4-36_E03	7	E	65	64	66	4.6	68	No	-	No	Yes
P	I	4	P4-36_E03	8	E	65	64	66	4.3	68	No	-	No	Yes
P	I	4	P4-25a_R01	1	R	70	55	69	13.9	69	Yes	-	Yes	No
P	I	4	P4-25a_R01	2	R	70	56	69	13.2	69	Yes	-	Yes	No
P	I	4	P4-25a_R01	3	R	70	57	69	12.6	69	Yes	-	Yes	No
P	I	4	P4-25a_R01	4	R	70	57	69	11.9	69	Yes	-	Yes	No
P	I	4	P4-25a_R01	5	R	70	57	68	11.4	69	Yes	-	Yes	No
P	I	4	P4-25a_R01	6	R	70	58	68	10.9	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	7	R	70	58	68	10.5	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	8	R	70	58	68	10.1	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	9	R	70	58	67	9.7	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	10	R	70	58	67	9.4	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	11	R	70	59	67	9.0	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	12	R	70	59	67	8.8	68	Yes	-	Yes	No
P	I	4	P4-25a_R01	13	R	70	59	67	8.6	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	14	R	70	59	67	8.3	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	15	R	70	59	66	8.1	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	16	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	17	R	70	59	66	7.8	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	18	R	70	59	66	7.6	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	19	R	70	59	66	7.4	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	20	R	70	59	66	7.3	67	Yes	-	Yes	No
P	I	4	P4-25a_R01	21	R	70	59	66	7.2	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	22	R	70	59	65	7.1	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	23	R	70	59	65	7.0	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	24	R	70	59	65	6.9	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	25	R	70	59	65	6.8	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	26	R	70	59	65	6.7	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	27	R	70	59	65	6.8	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	28	R	70	59	65	6.7	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	29	R	70	59	65	6.6	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	30	R	70	59	65	6.5	66	Yes	-	Yes	No
P	I	4	P4-25a_R01	31	R	70	59	64	6.4	66	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-25a_R01	32	R	70	59	64	6.3	65	Yes	-	Yes	No
P	I	4	P4-25a_R01	33	R	70	59	64	6.4	65	Yes	-	Yes	No
P	I	4	P4-25a_R01	34	R	70	59	64	6.3	65	Yes	-	Yes	No
P	I	4	P4-25a_R01	35	R	70	59	64	6.2	65	Yes	-	Yes	No
P	I	4	P4-25a_R01	36	R	70	59	64	6.2	65	Yes	-	Yes	No
P	I	4	P4-25a_R01	37	R	70	59	64	6.1	65	Yes	-	Yes	No
P	I	4	P4-25a_R01	38	R	70	59	64	5.9	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	1	R	70	60	59	2.7	62	Yes	-	Yes	No
P	I	4	P4-25b_R01	2	R	70	60	61	3.8	64	Yes	-	Yes	No
P	I	4	P4-25b_R01	3	R	70	60	64	5.2	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	4	R	70	60	65	6.2	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	5	R	70	60	66	6.4	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	6	R	70	61	66	6.5	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	7	R	70	61	66	6.5	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	8	R	70	61	66	6.4	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	9	R	70	61	66	6.2	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	10	R	70	61	66	6.1	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	11	R	70	61	65	6.0	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	12	R	70	61	65	5.8	67	Yes	-	Yes	No
P	I	4	P4-25b_R01	13	R	70	61	65	5.7	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	14	R	70	61	65	5.6	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	15	R	70	61	65	5.5	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	16	R	70	61	65	5.4	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	17	R	70	61	64	5.2	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	18	R	70	61	64	5.1	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	19	R	70	61	64	5.1	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	20	R	70	61	64	5.0	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	21	R	70	61	64	4.9	66	Yes	-	Yes	No
P	I	4	P4-25b_R01	22	R	70	61	64	4.9	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	23	R	70	61	64	4.8	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	24	R	70	61	63	4.7	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	25	R	70	61	63	4.6	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	26	R	70	60	63	4.6	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	27	R	70	60	63	4.5	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	28	R	70	60	63	4.5	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	29	R	70	60	63	4.5	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	30	R	70	60	63	4.4	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	31	R	70	60	63	4.3	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	32	R	70	60	63	4.3	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	33	R	70	60	62	4.3	65	Yes	-	Yes	No
P	I	4	P4-25b_R01	34	R	70	60	62	4.2	64	Yes	-	Yes	No
P	I	4	P4-25b_R01	35	R	70	60	62	4.2	64	Yes	-	Yes	No
P	I	4	P4-25b_R01	36	R	70	60	62	4.1	64	Yes	-	Yes	No
P	I	4	P4-25b_R01	37	R	70	60	62	4.1	64	Yes	-	Yes	No
P	I	4	P4-25b_R01	38	R	70	60	62	4.1	64	Yes	-	Yes	No
P	I	4	P4-25b_R02	1	R	70	61	70	9.7	71	Yes	-	No	Yes
P	I	4	P4-25b_R02	2	R	70	61	70	9.3	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-25b_R02	3	R	70	61	70	9.0	70	Yes	-	Yes	No
P	I	4	P4-25b_R02	4	R	70	62	70	8.7	70	Yes	-	Yes	No
P	I	4	P4-25b_R02	5	R	70	62	69	8.5	70	Yes	-	Yes	No
P	I	4	P4-25b_R02	6	R	70	62	69	8.2	70	Yes	-	Yes	No
P	I	4	P4-25b_R02	7	R	70	62	69	8.0	70	Yes	-	Yes	No
P	I	4	P4-25b_R02	8	R	70	62	69	7.7	70	Yes	-	Yes	No
P	I	4	P4-25b_R02	9	R	70	62	69	7.5	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	10	R	70	62	68	7.3	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	11	R	70	62	68	7.1	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	12	R	70	62	68	7.0	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	13	R	70	62	68	6.9	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	14	R	70	62	68	6.7	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	15	R	70	62	67	6.6	69	Yes	-	Yes	No
P	I	4	P4-25b_R02	16	R	70	62	67	6.4	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	17	R	70	62	67	6.3	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	18	R	70	62	67	6.3	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	19	R	70	62	67	6.2	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	20	R	70	62	67	6.0	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	21	R	70	62	67	6.0	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	22	R	70	62	66	5.9	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	23	R	70	62	66	5.8	68	Yes	-	Yes	No
P	I	4	P4-25b_R02	24	R	70	62	66	5.7	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	25	R	70	62	66	5.7	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	26	R	70	62	66	5.6	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	27	R	70	62	66	5.5	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	28	R	70	62	66	5.5	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	29	R	70	62	65	5.4	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	30	R	70	62	65	5.3	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	31	R	70	61	65	5.3	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	32	R	70	61	65	5.3	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	33	R	70	61	65	5.2	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	34	R	70	61	65	5.1	67	Yes	-	Yes	No
P	I	4	P4-25b_R02	35	R	70	61	65	5.1	66	Yes	-	Yes	No
P	I	4	P4-25b_R02	36	R	70	61	65	5.1	66	Yes	-	Yes	No
P	I	4	P4-25b_R02	37	R	70	61	65	5.0	66	Yes	-	Yes	No
P	I	4	P4-25b_R02	38	R	70	61	65	4.8	66	Yes	-	Yes	No
P	I	4	P4-25b_R11	1	R	70	57	58	3.6	61	Yes	-	Yes	No
P	I	4	P4-25b_R11	2	R	70	57	60	4.6	62	Yes	-	Yes	No
P	I	4	P4-25b_R11	3	R	70	58	62	5.7	63	Yes	-	Yes	No
P	I	4	P4-25b_R11	4	R	70	58	63	6.3	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	5	R	70	58	64	7.0	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	6	R	70	58	64	7.4	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	7	R	70	58	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-25b_R11	8	R	70	58	65	7.5	66	Yes	-	Yes	No
P	I	4	P4-25b_R11	9	R	70	58	65	7.4	66	Yes	-	Yes	No
P	I	4	P4-25b_R11	10	R	70	58	65	7.2	66	Yes	-	Yes	No
P	I	4	P4-25b_R11	11	R	70	58	65	7.1	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-25b_R11	12	R	70	58	64	6.9	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	13	R	70	58	64	6.8	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	14	R	70	59	64	6.6	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	15	R	70	59	64	6.5	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	16	R	70	59	64	6.4	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	17	R	70	59	64	6.3	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	18	R	70	59	64	6.1	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	19	R	70	59	63	6.0	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	20	R	70	59	63	6.0	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	21	R	70	59	63	6.0	65	Yes	-	Yes	No
P	I	4	P4-25b_R11	22	R	70	59	63	5.9	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	23	R	70	59	63	5.8	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	24	R	70	59	63	5.7	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	25	R	70	59	63	5.6	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	26	R	70	59	63	5.6	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	27	R	70	59	63	5.5	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	28	R	70	58	63	5.5	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	29	R	70	58	62	5.5	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	30	R	70	58	62	5.4	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	31	R	70	58	62	5.4	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	32	R	70	58	62	5.3	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	33	R	70	58	62	5.3	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	34	R	70	58	62	5.2	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	35	R	70	58	62	5.2	64	Yes	-	Yes	No
P	I	4	P4-25b_R11	36	R	70	58	62	5.1	63	Yes	-	Yes	No
P	I	4	P4-25b_R11	37	R	70	58	62	5.2	63	Yes	-	Yes	No
P	I	4	P4-25b_R11	38	R	70	58	62	5.1	63	Yes	-	Yes	No
P	I	4	P4-25c_R01	1	R	70	47	56	9.1	56	Yes	-	Yes	No
P	I	4	P4-25c_R01	2	R	70	47	57	10.4	58	Yes	-	Yes	No
P	I	4	P4-25c_R01	3	R	70	47	59	11.6	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	4	R	70	48	59	11.8	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	5	R	70	48	59	11.8	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	6	R	70	48	59	11.8	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	7	R	70	48	59	11.7	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	8	R	70	48	59	11.6	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	9	R	70	48	59	11.5	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	10	R	70	48	59	11.4	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	11	R	70	48	59	11.4	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	12	R	70	48	59	11.4	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	13	R	70	48	59	11.3	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	14	R	70	48	59	11.3	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	15	R	70	48	59	11.2	60	Yes	-	Yes	No
P	I	4	P4-25c_R01	16	R	70	48	59	11.1	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	17	R	70	48	59	11.0	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	18	R	70	48	59	11.0	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	19	R	70	48	59	11.0	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	20	R	70	48	59	10.9	59	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-25c_R01	21	R	70	48	59	10.9	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	22	R	70	49	59	10.8	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	23	R	70	49	59	10.7	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	24	R	70	49	59	10.7	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	25	R	70	49	59	10.6	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	26	R	70	49	59	10.6	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	27	R	70	49	59	10.5	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	28	R	70	49	59	10.4	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	29	R	70	49	59	10.4	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	30	R	70	49	59	10.3	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	31	R	70	49	59	10.3	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	32	R	70	49	58	10.2	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	33	R	70	49	58	10.1	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	34	R	70	49	58	10.0	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	35	R	70	49	58	10.0	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	36	R	70	49	58	10.0	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	37	R	70	49	58	9.9	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	38	R	70	49	58	9.8	59	Yes	-	Yes	No
P	I	4	P4-25c_R01	39	R	70	49	58	9.9	59	Yes	-	Yes	No
P	I	4	P4-25c_R11	1	R	70	0	52	52.2	52	Yes	-	Yes	No
P	I	4	P4-25c_R11	2	R	70	0	53	52.7	53	Yes	-	Yes	No
P	I	4	P4-25c_R11	3	R	70	0	53	53.0	53	Yes	-	Yes	No
P	I	4	P4-25c_R11	4	R	70	0	53	53.4	53	Yes	-	Yes	No
P	I	4	P4-25c_R11	5	R	70	0	54	53.8	54	Yes	-	Yes	No
P	I	4	P4-25c_R11	6	R	70	0	54	54.2	54	Yes	-	Yes	No
P	I	4	P4-25c_R11	7	R	70	0	55	54.6	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	8	R	70	0	55	54.8	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	9	R	70	0	55	55.0	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	10	R	70	0	55	55.2	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	11	R	70	0	55	55.3	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	12	R	70	0	55	55.4	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	13	R	70	0	56	55.5	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	14	R	70	0	56	55.5	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	15	R	70	0	56	55.6	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	16	R	70	0	56	55.6	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	17	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	18	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	19	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	20	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	21	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	22	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	23	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	24	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	25	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	26	R	70	0	56	55.7	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	27	R	70	0	56	55.6	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	28	R	70	0	56	55.6	56	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	4	P4-25c_R11	29	R	70	0	56	55.6	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	30	R	70	0	56	55.5	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	31	R	70	0	56	55.5	56	Yes	-	Yes	No
P	I	4	P4-25c_R11	32	R	70	0	55	55.4	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	33	R	70	0	55	55.4	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	34	R	70	0	55	55.3	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	35	R	70	0	55	55.3	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	36	R	70	0	55	55.3	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	37	R	70	0	55	55.2	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	38	R	70	0	55	55.2	55	Yes	-	Yes	No
P	I	4	P4-25c_R11	39	R	70	0	55	55.1	55	Yes	-	Yes	No
P	I	5	P5-08_R01	1	R	70	44	73	28.7	73	No	-	No	Yes
P	I	5	P5-08_R01	2	R	70	46	73	27.2	73	No	-	No	Yes
P	I	5	P5-08_R01	3	R	70	47	73	26.2	73	No	-	No	Yes
P	I	5	P5-08_R01	4	R	70	47	73	25.5	73	No	-	No	Yes
P	I	5	P5-08_R01	5	R	70	47	72	25.2	72	No	-	No	Yes
P	I	5	P5-08_R01	6	R	70	47	72	24.8	72	No	-	No	Yes
P	I	5	P5-08_R01	7	R	70	47	72	24.5	72	No	-	No	Yes
P	I	5	P5-08_R01	8	R	70	47	72	24.3	72	No	-	No	Yes
P	I	5	P5-08_R01	9	R	70	47	71	24.0	71	No	-	No	Yes
P	I	5	P5-08_R01	10	R	70	47	71	23.8	71	No	-	No	Yes
P	I	5	P5-08_R01	11	R	70	47	71	23.6	71	No	-	No	Yes
P	I	5	P5-08_R01	12	R	70	47	71	23.4	71	No	-	No	Yes
P	I	5	P5-08_R01	13	R	70	47	71	23.2	71	No	-	No	Yes
P	I	5	P5-08_R01	14	R	70	47	70	23.0	70	Yes	-	Yes	No
P	I	5	P5-08_R01	15	R	70	47	70	22.7	70	Yes	-	Yes	No
P	I	5	P5-08_R01	16	R	70	47	70	22.5	70	Yes	-	Yes	No
P	I	5	P5-08_R01	17	R	70	47	70	22.4	70	Yes	-	Yes	No
P	I	5	P5-08_R01	18	R	70	47	70	22.2	70	Yes	-	Yes	No
P	I	5	P5-08_R01	19	R	70	48	69	21.9	69	Yes	-	Yes	No
P	I	5	P5-08_R01	20	R	70	48	69	21.7	69	Yes	-	Yes	No
P	I	5	P5-08_R01	21	R	70	48	69	21.5	69	Yes	-	Yes	No
P	I	5	P5-08_R01	22	R	70	48	69	21.4	69	Yes	-	Yes	No
P	I	5	P5-08_R11	1	R	70	41	73	31.8	73	No	-	No	Yes
P	I	5	P5-08_R11	2	R	70	41	73	32.2	73	No	-	No	Yes
P	I	5	P5-08_R11	3	R	70	41	73	32.1	73	No	-	No	Yes
P	I	5	P5-08_R11	4	R	70	41	73	31.8	73	No	-	No	Yes
P	I	5	P5-08_R11	5	R	70	41	73	31.6	73	No	-	No	Yes
P	I	5	P5-08_R11	6	R	70	41	72	31.3	72	No	-	No	Yes
P	I	5	P5-08_R11	7	R	70	41	72	31.0	72	No	-	No	Yes
P	I	5	P5-08_R11	8	R	70	41	72	30.9	72	No	-	No	Yes
P	I	5	P5-08_R11	9	R	70	41	72	30.5	72	No	-	No	Yes
P	I	5	P5-08_R11	10	R	70	41	71	30.4	71	No	-	No	Yes
P	I	5	P5-08_R11	11	R	70	41	71	30.2	71	No	-	No	Yes
P	I	5	P5-08_R11	12	R	70	41	71	30.0	71	No	-	No	Yes
P	I	5	P5-08_R11	13	R	70	41	71	29.8	71	No	-	No	Yes
P	I	5	P5-08_R11	14	R	70	41	71	29.6	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-08_R11	15	R	70	41	70	29.4	70	Yes	-	Yes	No
P	I	5	P5-08_R11	16	R	70	41	70	29.3	70	Yes	-	Yes	No
P	I	5	P5-08_R11	17	R	70	41	70	29.2	70	Yes	-	Yes	No
P	I	5	P5-08_R11	18	R	70	41	70	29.0	70	Yes	-	Yes	No
P	I	5	P5-08_R11	19	R	70	41	70	28.9	70	Yes	-	Yes	No
P	I	5	P5-08_R11	20	R	70	41	70	28.7	70	Yes	-	Yes	No
P	I	5	P5-08_R11	21	R	70	41	69	28.7	69	Yes	-	Yes	No
P	I	5	P5-08_R11	22	R	70	41	69	28.5	69	Yes	-	Yes	No
P	I	5	P5-09_R01	1	R	70	56	59	5.2	61	Yes	-	Yes	No
P	I	5	P5-09_R01	2	R	70	56	62	7.2	63	Yes	-	Yes	No
P	I	5	P5-09_R01	3	R	70	55	65	9.7	65	Yes	-	Yes	No
P	I	5	P5-09_R01	4	R	70	55	67	12.4	68	Yes	-	Yes	No
P	I	5	P5-09_R01	5	R	70	55	70	15.1	70	Yes	-	Yes	No
P	I	5	P5-09_R01	6	R	70	55	71	16.0	71	No	-	No	Yes
P	I	5	P5-09_R01	7	R	70	55	71	16.3	71	No	-	No	Yes
P	I	5	P5-09_R01	8	R	70	54	71	16.5	71	No	-	No	Yes
P	I	5	P5-09_R01	9	R	70	54	71	16.6	71	No	-	No	Yes
P	I	5	P5-09_R01	10	R	70	54	71	16.6	71	No	-	No	Yes
P	I	5	P5-09_R01	11	R	70	54	70	16.6	70	Yes	-	Yes	No
P	I	5	P5-09_R01	12	R	70	54	70	16.7	70	Yes	-	Yes	No
P	I	5	P5-09_R01	13	R	70	54	70	16.6	70	Yes	-	Yes	No
P	I	5	P5-09_R01	14	R	70	53	70	16.6	70	Yes	-	Yes	No
P	I	5	P5-09_R01	15	R	70	53	70	16.7	70	Yes	-	Yes	No
P	I	5	P5-09_R01	16	R	70	53	70	16.6	70	Yes	-	Yes	No
P	I	5	P5-09_R01	17	R	70	53	69	16.6	69	Yes	-	Yes	No
P	I	5	P5-09_R01	18	R	70	53	69	16.6	69	Yes	-	Yes	No
P	I	5	P5-09_R01	19	R	70	53	69	16.5	69	Yes	-	Yes	No
P	I	5	P5-09_R01	20	R	70	52	69	16.6	69	Yes	-	Yes	No
P	I	5	P5-09_R01	21	R	70	52	69	16.6	69	Yes	-	Yes	No
P	I	5	P5-09_R01	22	R	70	52	69	16.6	69	Yes	-	Yes	No
P	I	5	P5-09_R01	23	R	70	52	69	16.5	69	Yes	-	Yes	No
P	I	5	P5-09_R01	24	R	70	52	68	16.6	69	Yes	-	Yes	No
P	I	5	P5-09_R01	25	R	70	52	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	26	R	70	52	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	27	R	70	52	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	28	R	70	52	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	29	R	70	51	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	30	R	70	51	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	31	R	70	51	68	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	32	R	70	51	68	16.6	68	Yes	-	Yes	No
P	I	5	P5-09_R01	33	R	70	51	67	16.5	68	Yes	-	Yes	No
P	I	5	P5-09_R01	34	R	70	51	67	16.5	67	Yes	-	Yes	No
P	I	5	P5-09_R02	1	R	70	56	61	6.2	62	Yes	-	Yes	No
P	I	5	P5-09_R02	2	R	70	56	64	8.9	65	Yes	-	Yes	No
P	I	5	P5-09_R02	3	R	70	56	68	12.5	68	Yes	-	Yes	No
P	I	5	P5-09_R02	4	R	70	56	71	15.2	71	No	-	No	Yes
P	I	5	P5-09_R02	5	R	70	55	71	16.0	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-09_R02	6	R	70	55	71	16.3	71	No	-	No	Yes
P	I	5	P5-09_R02	7	R	70	55	71	16.5	71	No	-	No	Yes
P	I	5	P5-09_R02	8	R	70	55	71	16.5	71	No	-	No	Yes
P	I	5	P5-09_R02	9	R	70	55	71	16.3	71	No	-	No	Yes
P	I	5	P5-09_R02	10	R	70	54	71	16.3	71	No	-	No	Yes
P	I	5	P5-09_R02	11	R	70	54	70	16.3	71	Yes	-	No	Yes
P	I	5	P5-09_R02	12	R	70	54	70	16.4	70	Yes	-	Yes	No
P	I	5	P5-09_R02	13	R	70	54	70	16.4	70	Yes	-	Yes	No
P	I	5	P5-09_R02	14	R	70	54	70	16.4	70	Yes	-	Yes	No
P	I	5	P5-09_R02	15	R	70	54	70	16.3	70	Yes	-	Yes	No
P	I	5	P5-09_R02	16	R	70	53	70	16.4	70	Yes	-	Yes	No
P	I	5	P5-09_R02	17	R	70	53	70	16.3	70	Yes	-	Yes	No
P	I	5	P5-09_R02	18	R	70	53	69	16.3	69	Yes	-	Yes	No
P	I	5	P5-09_R02	19	R	70	53	69	16.3	69	Yes	-	Yes	No
P	I	5	P5-09_R02	20	R	70	53	69	16.4	69	Yes	-	Yes	No
P	I	5	P5-09_R02	21	R	70	53	69	16.4	69	Yes	-	Yes	No
P	I	5	P5-09_R02	22	R	70	53	69	16.4	69	Yes	-	Yes	No
P	I	5	P5-09_R02	23	R	70	53	69	16.3	69	Yes	-	Yes	No
P	I	5	P5-09_R02	24	R	70	52	69	16.3	69	Yes	-	Yes	No
P	I	5	P5-09_R02	25	R	70	52	69	16.3	69	Yes	-	Yes	No
P	I	5	P5-09_R02	26	R	70	52	68	16.3	69	Yes	-	Yes	No
P	I	5	P5-09_R02	27	R	70	52	68	16.4	68	Yes	-	Yes	No
P	I	5	P5-09_R02	28	R	70	52	68	16.4	68	Yes	-	Yes	No
P	I	5	P5-09_R02	29	R	70	52	68	16.4	68	Yes	-	Yes	No
P	I	5	P5-09_R02	30	R	70	52	68	16.4	68	Yes	-	Yes	No
P	I	5	P5-09_R02	31	R	70	52	68	16.4	68	Yes	-	Yes	No
P	I	5	P5-09_R02	32	R	70	52	68	16.4	68	Yes	-	Yes	No
P	I	5	P5-09_R02	33	R	70	52	68	16.3	68	Yes	-	Yes	No
P	I	5	P5-09_R02	34	R	70	51	68	16.3	68	Yes	-	Yes	No
P	I	5	P5-09_R11	1	R	70	56	62	6.9	63	Yes	-	Yes	No
P	I	5	P5-09_R11	2	R	70	56	64	8.8	65	Yes	-	Yes	No
P	I	5	P5-09_R11	3	R	70	56	67	10.8	67	Yes	-	Yes	No
P	I	5	P5-09_R11	4	R	70	57	69	12.9	70	Yes	-	Yes	No
P	I	5	P5-09_R11	5	R	70	57	71	13.5	71	No	-	No	Yes
P	I	5	P5-09_R11	6	R	70	58	71	13.4	71	No	-	No	Yes
P	I	5	P5-09_R11	7	R	70	58	71	13.3	71	No	-	No	Yes
P	I	5	P5-09_R11	8	R	70	58	71	13.1	71	No	-	No	Yes
P	I	5	P5-09_R11	9	R	70	58	71	12.9	71	No	-	No	Yes
P	I	5	P5-09_R11	10	R	70	58	71	12.9	71	No	-	No	Yes
P	I	5	P5-09_R11	11	R	70	58	70	12.8	71	Yes	-	No	Yes
P	I	5	P5-09_R11	12	R	70	58	70	12.7	70	Yes	-	Yes	No
P	I	5	P5-09_R11	13	R	70	58	70	12.7	70	Yes	-	Yes	No
P	I	5	P5-09_R11	14	R	70	58	70	12.6	70	Yes	-	Yes	No
P	I	5	P5-09_R11	15	R	70	58	70	12.4	70	Yes	-	Yes	No
P	I	5	P5-09_R11	16	R	70	57	70	12.3	70	Yes	-	Yes	No
P	I	5	P5-09_R11	17	R	70	57	69	12.3	70	Yes	-	Yes	No
P	I	5	P5-09_R11	18	R	70	57	69	12.1	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-09_R11	19	R	70	57	69	12.1	69	Yes	-	Yes	No
P	I	5	P5-09_R11	20	R	70	57	69	12.0	69	Yes	-	Yes	No
P	I	5	P5-09_R11	21	R	70	57	69	12.0	69	Yes	-	Yes	No
P	I	5	P5-09_R11	22	R	70	57	69	11.9	69	Yes	-	Yes	No
P	I	5	P5-09_R11	23	R	70	57	69	11.9	69	Yes	-	Yes	No
P	I	5	P5-09_R11	24	R	70	57	68	11.8	69	Yes	-	Yes	No
P	I	5	P5-09_R11	25	R	70	57	68	11.8	69	Yes	-	Yes	No
P	I	5	P5-09_R11	26	R	70	57	68	11.7	68	Yes	-	Yes	No
P	I	5	P5-09_R11	27	R	70	57	68	11.6	68	Yes	-	Yes	No
P	I	5	P5-09_R11	28	R	70	57	68	11.6	68	Yes	-	Yes	No
P	I	5	P5-09_R11	29	R	70	57	68	11.5	68	Yes	-	Yes	No
P	I	5	P5-09_R11	30	R	70	57	68	11.5	68	Yes	-	Yes	No
P	I	5	P5-09_R11	31	R	70	57	68	11.4	68	Yes	-	Yes	No
P	I	5	P5-09_R11	32	R	70	56	68	11.4	68	Yes	-	Yes	No
P	I	5	P5-09_R11	33	R	70	56	67	11.3	68	Yes	-	Yes	No
P	I	5	P5-09_R11	34	R	70	56	67	11.3	68	Yes	-	Yes	No
P	I	5	P5-09_R12	1	R	70	50	59	10.0	60	Yes	-	Yes	No
P	I	5	P5-09_R12	2	R	70	53	62	9.4	62	Yes	-	Yes	No
P	I	5	P5-09_R12	3	R	70	54	64	9.9	64	Yes	-	Yes	No
P	I	5	P5-09_R12	4	R	70	55	66	11.2	67	Yes	-	Yes	No
P	I	5	P5-09_R12	5	R	70	56	68	12.2	68	Yes	-	Yes	No
P	I	5	P5-09_R12	6	R	70	56	69	12.5	69	Yes	-	Yes	No
P	I	5	P5-09_R12	7	R	70	57	69	12.6	69	Yes	-	Yes	No
P	I	5	P5-09_R12	8	R	70	57	70	12.5	70	Yes	-	Yes	No
P	I	5	P5-09_R12	9	R	70	58	70	12.2	70	Yes	-	Yes	No
P	I	5	P5-09_R12	10	R	70	58	70	11.8	70	Yes	-	Yes	No
P	I	5	P5-09_R12	11	R	70	58	70	11.6	70	Yes	-	Yes	No
P	I	5	P5-09_R12	12	R	70	58	69	11.3	70	Yes	-	Yes	No
P	I	5	P5-09_R12	13	R	70	58	69	11.3	70	Yes	-	Yes	No
P	I	5	P5-09_R12	14	R	70	59	69	11.0	70	Yes	-	Yes	No
P	I	5	P5-09_R12	15	R	70	58	69	11.0	69	Yes	-	Yes	No
P	I	5	P5-09_R12	16	R	70	59	69	10.7	69	Yes	-	Yes	No
P	I	5	P5-09_R12	17	R	70	59	69	10.5	69	Yes	-	Yes	No
P	I	5	P5-09_R12	18	R	70	59	69	10.4	69	Yes	-	Yes	No
P	I	5	P5-09_R12	19	R	70	59	69	10.3	69	Yes	-	Yes	No
P	I	5	P5-09_R12	20	R	70	59	68	10.1	69	Yes	-	Yes	No
P	I	5	P5-09_R12	21	R	70	59	68	10.1	69	Yes	-	Yes	No
P	I	5	P5-09_R12	22	R	70	59	68	10.0	69	Yes	-	Yes	No
P	I	5	P5-09_R12	23	R	70	59	68	9.8	68	Yes	-	Yes	No
P	I	5	P5-09_R12	24	R	70	59	68	9.7	68	Yes	-	Yes	No
P	I	5	P5-09_R12	25	R	70	58	68	9.8	68	Yes	-	Yes	No
P	I	5	P5-09_R12	26	R	70	58	68	9.6	68	Yes	-	Yes	No
P	I	5	P5-09_R12	27	R	70	58	67	9.6	68	Yes	-	Yes	No
P	I	5	P5-09_R12	28	R	70	58	67	9.5	68	Yes	-	Yes	No
P	I	5	P5-09_R12	29	R	70	58	67	9.4	68	Yes	-	Yes	No
P	I	5	P5-09_R12	30	R	70	58	67	9.4	68	Yes	-	Yes	No
P	I	5	P5-09_R12	31	R	70	58	67	9.3	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-09_R12	32	R	70	58	67	9.3	67	Yes	-	Yes	No
P	I	5	P5-09_R12	33	R	70	58	67	9.2	67	Yes	-	Yes	No
P	I	5	P5-09_R12	34	R	70	58	67	9.1	67	Yes	-	Yes	No
P	I	5	P5-09_R13	1	R	70	54	65	11.5	65	Yes	-	Yes	No
P	I	5	P5-09_R13	2	R	70	54	68	14.3	68	Yes	-	Yes	No
P	I	5	P5-09_R13	3	R	70	55	69	14.4	69	Yes	-	Yes	No
P	I	5	P5-09_R13	4	R	70	55	69	14.1	69	Yes	-	Yes	No
P	I	5	P5-09_R13	5	R	70	55	69	13.6	69	Yes	-	Yes	No
P	I	5	P5-09_R13	6	R	70	55	69	13.5	69	Yes	-	Yes	No
P	I	5	P5-09_R13	7	R	70	55	68	13.1	68	Yes	-	Yes	No
P	I	5	P5-09_R13	8	R	70	55	68	12.8	68	Yes	-	Yes	No
P	I	5	P5-09_R13	9	R	70	56	68	12.3	68	Yes	-	Yes	No
P	I	5	P5-09_R13	10	R	70	56	68	12.0	68	Yes	-	Yes	No
P	I	5	P5-09_R13	11	R	70	56	67	11.6	68	Yes	-	Yes	No
P	I	5	P5-09_R13	12	R	70	56	67	11.1	67	Yes	-	Yes	No
P	I	5	P5-09_R13	13	R	70	57	67	10.8	67	Yes	-	Yes	No
P	I	5	P5-09_R13	14	R	70	57	67	10.3	67	Yes	-	Yes	No
P	I	5	P5-09_R13	15	R	70	57	67	9.9	67	Yes	-	Yes	No
P	I	5	P5-09_R13	16	R	70	57	66	9.6	67	Yes	-	Yes	No
P	I	5	P5-09_R13	17	R	70	57	66	9.4	67	Yes	-	Yes	No
P	I	5	P5-09_R13	18	R	70	57	66	9.2	67	Yes	-	Yes	No
P	I	5	P5-09_R13	19	R	70	57	66	9.1	67	Yes	-	Yes	No
P	I	5	P5-09_R13	20	R	70	57	66	9.0	66	Yes	-	Yes	No
P	I	5	P5-09_R13	21	R	70	57	66	8.9	66	Yes	-	Yes	No
P	I	5	P5-09_R13	22	R	70	57	66	8.8	66	Yes	-	Yes	No
P	I	5	P5-09_R13	23	R	70	57	65	8.7	66	Yes	-	Yes	No
P	I	5	P5-09_R13	24	R	70	57	65	8.6	66	Yes	-	Yes	No
P	I	5	P5-09_R13	25	R	70	57	65	8.6	66	Yes	-	Yes	No
P	I	5	P5-09_R13	26	R	70	57	65	8.6	66	Yes	-	Yes	No
P	I	5	P5-09_R13	27	R	70	57	65	8.5	66	Yes	-	Yes	No
P	I	5	P5-09_R13	28	R	70	57	65	8.4	65	Yes	-	Yes	No
P	I	5	P5-09_R13	29	R	70	57	65	8.3	65	Yes	-	Yes	No
P	I	5	P5-09_R13	30	R	70	57	65	8.3	65	Yes	-	Yes	No
P	I	5	P5-09_R13	31	R	70	57	64	8.2	65	Yes	-	Yes	No
P	I	5	P5-09_R13	32	R	70	57	64	8.3	65	Yes	-	Yes	No
P	I	5	P5-09_R13	33	R	70	57	64	8.2	65	Yes	-	Yes	No
P	I	5	P5-09_R13	34	R	70	57	64	8.1	65	Yes	-	Yes	No
P	I	5	P5-09_R21	1	R	70	57	70	13.3	70	Yes	-	Yes	No
P	I	5	P5-09_R21	2	R	70	57	70	13.3	70	Yes	-	Yes	No
P	I	5	P5-09_R21	3	R	70	57	70	13.0	70	Yes	-	Yes	No
P	I	5	P5-09_R21	4	R	70	57	70	12.6	70	Yes	-	Yes	No
P	I	5	P5-09_R21	5	R	70	57	69	12.2	70	Yes	-	Yes	No
P	I	5	P5-09_R21	6	R	70	58	69	11.7	69	Yes	-	Yes	No
P	I	5	P5-09_R21	7	R	70	58	69	11.1	69	Yes	-	Yes	No
P	I	5	P5-09_R21	8	R	70	58	68	10.7	69	Yes	-	Yes	No
P	I	5	P5-09_R21	9	R	70	58	68	10.4	69	Yes	-	Yes	No
P	I	5	P5-09_R21	10	R	70	58	68	10.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-09_R21	11	R	70	58	68	9.8	68	Yes	-	Yes	No
P	I	5	P5-09_R21	12	R	70	59	68	9.5	68	Yes	-	Yes	No
P	I	5	P5-09_R21	13	R	70	59	67	9.1	68	Yes	-	Yes	No
P	I	5	P5-09_R21	14	R	70	59	67	8.9	68	Yes	-	Yes	No
P	I	5	P5-09_R21	15	R	70	59	67	8.7	68	Yes	-	Yes	No
P	I	5	P5-09_R21	16	R	70	59	67	8.5	68	Yes	-	Yes	No
P	I	5	P5-09_R21	17	R	70	59	67	8.4	67	Yes	-	Yes	No
P	I	5	P5-09_R21	18	R	70	59	67	8.3	67	Yes	-	Yes	No
P	I	5	P5-09_R21	19	R	70	59	66	8.2	67	Yes	-	Yes	No
P	I	5	P5-09_R21	20	R	70	59	66	8.1	67	Yes	-	Yes	No
P	I	5	P5-09_R21	21	R	70	59	66	8.1	67	Yes	-	Yes	No
P	I	5	P5-09_R21	22	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	5	P5-09_R21	23	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	5	P5-09_R21	24	R	70	59	66	7.9	67	Yes	-	Yes	No
P	I	5	P5-09_R21	25	R	70	59	66	7.9	66	Yes	-	Yes	No
P	I	5	P5-09_R21	26	R	70	59	66	7.8	66	Yes	-	Yes	No
P	I	5	P5-09_R21	27	R	70	58	65	7.8	66	Yes	-	Yes	No
P	I	5	P5-09_R21	28	R	70	58	65	7.8	66	Yes	-	Yes	No
P	I	5	P5-09_R21	29	R	70	58	65	7.6	66	Yes	-	Yes	No
P	I	5	P5-09_R21	30	R	70	58	65	7.7	66	Yes	-	Yes	No
P	I	5	P5-09_R21	31	R	70	58	65	7.6	66	Yes	-	Yes	No
P	I	5	P5-09_R21	32	R	70	58	65	7.6	66	Yes	-	Yes	No
P	I	5	P5-09_R21	33	R	70	58	65	7.5	66	Yes	-	Yes	No
P	I	5	P5-09_R21	34	R	70	58	65	7.5	66	Yes	-	Yes	No
P	I	5	P5-09_R31	1	R	70	61	70	8.8	70	Yes	-	Yes	No
P	I	5	P5-09_R31	2	R	70	61	70	9.1	70	Yes	-	Yes	No
P	I	5	P5-09_R31	3	R	70	61	70	9.0	70	Yes	-	Yes	No
P	I	5	P5-09_R31	4	R	70	61	70	8.8	70	Yes	-	Yes	No
P	I	5	P5-09_R31	5	R	70	61	69	8.5	70	Yes	-	Yes	No
P	I	5	P5-09_R31	6	R	70	61	69	8.2	70	Yes	-	Yes	No
P	I	5	P5-09_R31	7	R	70	61	69	8.0	69	Yes	-	Yes	No
P	I	5	P5-09_R31	8	R	70	61	68	7.8	69	Yes	-	Yes	No
P	I	5	P5-09_R31	9	R	70	61	68	7.6	69	Yes	-	Yes	No
P	I	5	P5-09_R31	10	R	70	61	68	7.5	69	Yes	-	Yes	No
P	I	5	P5-09_R31	11	R	70	61	68	7.3	69	Yes	-	Yes	No
P	I	5	P5-09_R31	12	R	70	61	68	7.2	68	Yes	-	Yes	No
P	I	5	P5-09_R31	13	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	5	P5-09_R31	14	R	70	61	67	7.1	68	Yes	-	Yes	No
P	I	5	P5-09_R31	15	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	5	P5-09_R31	16	R	70	61	67	7.0	68	Yes	-	Yes	No
P	I	5	P5-09_R31	17	R	70	61	67	6.9	68	Yes	-	Yes	No
P	I	5	P5-09_R31	18	R	70	61	66	6.9	68	Yes	-	Yes	No
P	I	5	P5-09_R31	19	R	70	61	66	6.8	67	Yes	-	Yes	No
P	I	5	P5-09_R31	20	R	70	60	66	6.8	67	Yes	-	Yes	No
P	I	5	P5-09_R31	21	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	5	P5-09_R31	22	R	70	60	66	6.7	67	Yes	-	Yes	No
P	I	5	P5-09_R31	23	R	70	60	66	6.6	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-09_R31	24	R	70	60	66	6.5	67	Yes	-	Yes	No
P	I	5	P5-09_R31	25	R	70	60	66	6.6	67	Yes	-	Yes	No
P	I	5	P5-09_R31	26	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	5	P5-09_R31	27	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	5	P5-09_R31	28	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	5	P5-09_R31	29	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	5	P5-09_R31	30	R	70	60	65	6.5	66	Yes	-	Yes	No
P	I	5	P5-09_R31	31	R	70	60	65	6.4	66	Yes	-	Yes	No
P	I	5	P5-09_R31	32	R	70	59	65	6.4	66	Yes	-	Yes	No
P	I	5	P5-09_R31	33	R	70	59	65	6.3	66	Yes	-	Yes	No
P	I	5	P5-09_R31	34	R	70	59	64	6.4	66	Yes	-	Yes	No
P	I	5	P5-14_E01	1	E	65	60	72	12.4	72	No	-	No	Yes
P	I	5	P5-14_E01	2	E	65	61	74	13.3	74	No	-	No	Yes
P	I	5	P5-14_E01	3	E	65	61	74	12.9	74	No	-	No	Yes
P	I	5	P5-14_E01	4	E	65	61	73	12.2	73	No	-	No	Yes
P	I	5	P5-14_E01	5	E	65	61	72	11.5	73	No	-	No	Yes
P	I	5	P5-14_E01	6	E	65	62	72	10.4	72	No	-	No	Yes
P	I	5	P5-14_E01	7	E	65	63	71	9.2	72	No	-	No	Yes
P	I	5	P5-14_E01	8	E	65	63	71	8.3	72	No	-	No	Yes
P	I	5	P5-14_E02	1	E	65	52	72	19.3	72	No	-	No	Yes
P	I	5	P5-14_E02	2	E	65	55	74	19.1	74	No	-	No	Yes
P	I	5	P5-14_E02	3	E	65	55	74	18.8	74	No	-	No	Yes
P	I	5	P5-14_E02	4	E	65	55	73	18.4	73	No	-	No	Yes
P	I	5	P5-14_E02	5	E	65	55	73	17.9	73	No	-	No	Yes
P	I	5	P5-14_E02	6	E	65	55	73	17.6	73	No	-	No	Yes
P	I	5	P5-14_E02	7	E	65	55	72	17.1	72	No	-	No	Yes
P	I	5	P5-14_E02	8	E	65	55	72	16.8	72	No	-	No	Yes
P	I	5	P5-14_E11	1	E	65	61	71	10.0	71	No	-	No	Yes
P	I	5	P5-14_E11	2	E	65	63	73	10.9	73	No	-	No	Yes
P	I	5	P5-14_E11	3	E	65	63	73	10.6	73	No	-	No	Yes
P	I	5	P5-14_E11	4	E	65	63	73	10.1	73	No	-	No	Yes
P	I	5	P5-14_E11	5	E	65	63	72	9.6	73	No	-	No	Yes
P	I	5	P5-14_E11	6	E	65	63	72	9.0	72	No	-	No	Yes
P	I	5	P5-14_E11	7	E	65	63	71	8.6	72	No	-	No	Yes
P	I	5	P5-14_E11	8	E	65	63	71	8.1	71	No	-	No	Yes
P	I	5	P5-14_E12	1	E	65	64	65	3.4	67	Yes	-	No	Yes
P	I	5	P5-14_E12	2	E	65	64	68	5.1	69	No	-	No	Yes
P	I	5	P5-14_E12	3	E	65	65	68	5.3	70	No	-	No	Yes
P	I	5	P5-14_E12	4	E	65	65	68	4.7	70	No	-	No	Yes
P	I	5	P5-14_E12	5	E	65	67	68	3.5	71	No	-	No	Yes
P	I	5	P5-14_E12	6	E	65	69	68	2.5	72	No	-	No	Yes
P	I	5	P5-14_E12	7	E	65	70	68	2.2	72	No	-	No	Yes
P	I	5	P5-14_E12	8	E	65	70	68	2.0	72	No	-	No	Yes
P	I	5	P5-16_R01	1	R	70	44	79	35.0	79	No	-	No	Yes
P	I	5	P5-16_R01	2	R	70	48	79	30.7	79	No	-	No	Yes
P	I	5	P5-16_R01	3	R	70	53	78	25.7	78	No	-	No	Yes
P	I	5	P5-16_R01	4	R	70	55	78	23.2	78	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-16_R01	5	R	70	55	77	22.2	77	No	-	No	Yes
P	I	5	P5-16_R01	6	R	70	55	77	21.7	77	No	-	No	Yes
P	I	5	P5-16_R01	7	R	70	55	77	21.4	77	No	-	No	Yes
P	I	5	P5-16_R01	8	R	70	55	76	21.1	76	No	-	No	Yes
P	I	5	P5-16_R01	9	R	70	55	76	20.7	76	No	-	No	Yes
P	I	5	P5-16_R01	10	R	70	55	76	20.4	76	No	-	No	Yes
P	I	5	P5-16_R01	11	R	70	55	75	20.2	75	No	-	No	Yes
P	I	5	P5-16_R01	12	R	70	55	75	19.9	75	No	-	No	Yes
P	I	5	P5-16_R01	13	R	70	55	75	19.7	75	No	-	No	Yes
P	I	5	P5-16_R01	14	R	70	55	75	19.6	75	No	-	No	Yes
P	I	5	P5-16_R01	15	R	70	55	74	19.4	74	No	-	No	Yes
P	I	5	P5-16_R01	16	R	70	55	74	19.2	74	No	-	No	Yes
P	I	5	P5-16_R01	17	R	70	55	74	19.0	74	No	-	No	Yes
P	I	5	P5-16_R01	18	R	70	55	74	18.9	74	No	-	No	Yes
P	I	5	P5-16_R01	19	R	70	55	73	18.7	74	No	-	No	Yes
P	I	5	P5-16_R01	20	R	70	55	73	18.6	73	No	-	No	Yes
P	I	5	P5-16_R01	21	R	70	55	73	18.4	73	No	-	No	Yes
P	I	5	P5-16_R01	22	R	70	55	73	18.4	73	No	-	No	Yes
P	I	5	P5-16_R01	23	R	70	55	73	18.4	73	No	-	No	Yes
P	I	5	P5-16_R01	24	R	70	55	73	18.2	73	No	-	No	Yes
P	I	5	P5-16_R01	25	R	70	54	73	18.1	73	No	-	No	Yes
P	I	5	P5-16_R01	26	R	70	54	72	18.1	72	No	-	No	Yes
P	I	5	P5-16_R01	27	R	70	54	72	17.9	72	No	-	No	Yes
P	I	5	P5-16_R01	28	R	70	54	72	17.9	72	No	-	No	Yes
P	I	5	P5-16_R02	1	R	70	0	76	75.6	76	No	-	No	Yes
P	I	5	P5-16_R02	2	R	70	0	75	75.3	75	No	-	No	Yes
P	I	5	P5-16_R02	3	R	70	0	75	75.1	75	No	-	No	Yes
P	I	5	P5-16_R02	4	R	70	0	75	74.8	75	No	-	No	Yes
P	I	5	P5-16_R02	5	R	70	0	75	74.5	75	No	-	No	Yes
P	I	5	P5-16_R02	6	R	70	0	74	74.3	74	No	-	No	Yes
P	I	5	P5-16_R02	7	R	70	0	74	74.0	74	No	-	No	Yes
P	I	5	P5-16_R02	8	R	70	0	74	73.7	74	No	-	No	Yes
P	I	5	P5-16_R02	9	R	70	0	74	73.5	74	No	-	No	Yes
P	I	5	P5-16_R02	10	R	70	0	73	73.2	73	No	-	No	Yes
P	I	5	P5-16_R02	11	R	70	0	73	73.0	73	No	-	No	Yes
P	I	5	P5-16_R02	12	R	70	0	73	72.7	73	No	-	No	Yes
P	I	5	P5-16_R02	13	R	70	0	73	72.5	73	No	-	No	Yes
P	I	5	P5-16_R02	14	R	70	0	72	72.3	72	No	-	No	Yes
P	I	5	P5-16_R02	15	R	70	0	72	72.1	72	No	-	No	Yes
P	I	5	P5-16_R02	16	R	70	0	72	71.8	72	No	-	No	Yes
P	I	5	P5-16_R02	17	R	70	0	72	71.6	72	No	-	No	Yes
P	I	5	P5-16_R02	18	R	70	0	72	71.5	72	No	-	No	Yes
P	I	5	P5-16_R02	19	R	70	0	71	71.3	71	No	-	No	Yes
P	I	5	P5-16_R02	20	R	70	0	71	71.1	71	No	-	No	Yes
P	I	5	P5-16_R02	21	R	70	0	71	70.9	71	No	-	No	Yes
P	I	5	P5-16_R02	22	R	70	0	71	70.8	71	No	-	No	Yes
P	I	5	P5-16_R02	23	R	70	0	71	70.6	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-16_R02	24	R	70	0	71	70.5	71	No	-	No	Yes
P	I	5	P5-16_R02	25	R	70	0	70	70.4	70	Yes	-	Yes	No
P	I	5	P5-16_R02	26	R	70	0	70	70.2	70	Yes	-	Yes	No
P	I	5	P5-16_R02	27	R	70	0	70	70.1	70	Yes	-	Yes	No
P	I	5	P5-16_R02	28	R	70	0	70	69.9	70	Yes	-	Yes	No
P	I	5	P5-16_R03	1	R	70	0	75	75.2	75	No	-	No	Yes
P	I	5	P5-16_R03	2	R	70	0	75	75.0	75	No	-	No	Yes
P	I	5	P5-16_R03	3	R	70	0	75	74.9	75	No	-	No	Yes
P	I	5	P5-16_R03	4	R	70	0	75	74.7	75	No	-	No	Yes
P	I	5	P5-16_R03	5	R	70	0	75	74.5	75	No	-	No	Yes
P	I	5	P5-16_R03	6	R	70	0	74	74.3	74	No	-	No	Yes
P	I	5	P5-16_R03	7	R	70	0	74	74.1	74	No	-	No	Yes
P	I	5	P5-16_R03	8	R	70	0	74	73.9	74	No	-	No	Yes
P	I	5	P5-16_R03	9	R	70	0	74	73.7	74	No	-	No	Yes
P	I	5	P5-16_R03	10	R	70	0	73	73.4	73	No	-	No	Yes
P	I	5	P5-16_R03	11	R	70	0	73	73.2	73	No	-	No	Yes
P	I	5	P5-16_R03	12	R	70	0	73	73.0	73	No	-	No	Yes
P	I	5	P5-16_R03	13	R	70	0	73	72.8	73	No	-	No	Yes
P	I	5	P5-16_R03	14	R	70	0	73	72.6	73	No	-	No	Yes
P	I	5	P5-16_R03	15	R	70	0	72	72.4	72	No	-	No	Yes
P	I	5	P5-16_R03	16	R	70	0	72	72.2	72	No	-	No	Yes
P	I	5	P5-16_R03	17	R	70	0	72	72.0	72	No	-	No	Yes
P	I	5	P5-16_R03	18	R	70	0	72	71.9	72	No	-	No	Yes
P	I	5	P5-16_R03	19	R	70	0	72	71.7	72	No	-	No	Yes
P	I	5	P5-16_R03	20	R	70	0	72	71.5	72	No	-	No	Yes
P	I	5	P5-16_R03	21	R	70	0	71	71.4	71	No	-	No	Yes
P	I	5	P5-16_R03	22	R	70	0	71	71.2	71	No	-	No	Yes
P	I	5	P5-16_R03	23	R	70	0	71	71.1	71	No	-	No	Yes
P	I	5	P5-16_R03	24	R	70	0	71	70.9	71	No	-	No	Yes
P	I	5	P5-16_R03	25	R	70	0	71	70.8	71	No	-	No	Yes
P	I	5	P5-16_R03	26	R	70	0	71	70.7	71	No	-	No	Yes
P	I	5	P5-16_R03	27	R	70	0	71	70.5	71	No	-	No	Yes
P	I	5	P5-16_R03	28	R	70	0	70	70.4	70	Yes	-	Yes	No
P	I	5	P5-16_R04	1	R	70	22	73	51.4	73	No	-	No	Yes
P	I	5	P5-16_R04	2	R	70	22	73	51.2	73	No	-	No	Yes
P	I	5	P5-16_R04	3	R	70	22	73	51.2	73	No	-	No	Yes
P	I	5	P5-16_R04	4	R	70	22	73	51.1	73	No	-	No	Yes
P	I	5	P5-16_R04	5	R	70	22	73	51.0	73	No	-	No	Yes
P	I	5	P5-16_R04	6	R	70	22	73	50.9	73	No	-	No	Yes
P	I	5	P5-16_R04	7	R	70	22	72	50.8	72	No	-	No	Yes
P	I	5	P5-16_R04	8	R	70	22	72	50.8	72	No	-	No	Yes
P	I	5	P5-16_R04	9	R	70	22	72	50.6	72	No	-	No	Yes
P	I	5	P5-16_R04	10	R	70	22	72	50.5	72	No	-	No	Yes
P	I	5	P5-16_R04	11	R	70	22	72	50.3	72	No	-	No	Yes
P	I	5	P5-16_R04	12	R	70	21	72	50.3	72	No	-	No	Yes
P	I	5	P5-16_R04	13	R	70	21	72	50.1	72	No	-	No	Yes
P	I	5	P5-16_R04	14	R	70	21	71	49.9	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-16_R04	15	R	70	21	71	49.8	71	No	-	No	Yes
P	I	5	P5-16_R04	16	R	70	21	71	49.7	71	No	-	No	Yes
P	I	5	P5-16_R04	17	R	70	21	71	49.6	71	No	-	No	Yes
P	I	5	P5-16_R04	18	R	70	21	71	49.4	71	No	-	No	Yes
P	I	5	P5-16_R04	19	R	70	21	71	49.3	71	No	-	No	Yes
P	I	5	P5-16_R04	20	R	70	21	70	49.2	70	Yes	-	Yes	No
P	I	5	P5-16_R04	21	R	70	21	70	49.1	70	Yes	-	Yes	No
P	I	5	P5-16_R04	22	R	70	21	70	48.9	70	Yes	-	Yes	No
P	I	5	P5-16_R04	23	R	70	21	70	48.9	70	Yes	-	Yes	No
P	I	5	P5-16_R04	24	R	70	21	70	48.8	70	Yes	-	Yes	No
P	I	5	P5-16_R04	25	R	70	21	70	48.7	70	Yes	-	Yes	No
P	I	5	P5-16_R04	26	R	70	21	70	48.5	70	Yes	-	Yes	No
P	I	5	P5-16_R04	27	R	70	21	70	48.5	70	Yes	-	Yes	No
P	I	5	P5-16_R04	28	R	70	21	69	48.3	69	Yes	-	Yes	No
P	I	5	P5-16_R05	1	R	70	43	74	31.2	74	No	-	No	Yes
P	I	5	P5-16_R05	2	R	70	48	74	26.2	74	No	-	No	Yes
P	I	5	P5-16_R05	3	R	70	53	74	21.1	74	No	-	No	Yes
P	I	5	P5-16_R05	4	R	70	55	74	18.3	74	No	-	No	Yes
P	I	5	P5-16_R05	5	R	70	56	73	17.5	73	No	-	No	Yes
P	I	5	P5-16_R05	6	R	70	56	73	17.2	73	No	-	No	Yes
P	I	5	P5-16_R05	7	R	70	56	73	17.1	73	No	-	No	Yes
P	I	5	P5-16_R05	8	R	70	56	73	17.0	73	No	-	No	Yes
P	I	5	P5-16_R05	9	R	70	56	73	16.8	73	No	-	No	Yes
P	I	5	P5-16_R05	10	R	70	56	72	16.7	73	No	-	No	Yes
P	I	5	P5-16_R05	11	R	70	56	72	16.5	72	No	-	No	Yes
P	I	5	P5-16_R05	12	R	70	56	72	16.5	72	No	-	No	Yes
P	I	5	P5-16_R05	13	R	70	56	72	16.3	72	No	-	No	Yes
P	I	5	P5-16_R05	14	R	70	56	72	16.2	72	No	-	No	Yes
P	I	5	P5-16_R05	15	R	70	56	71	16.0	72	No	-	No	Yes
P	I	5	P5-16_R05	16	R	70	55	71	16.0	71	No	-	No	Yes
P	I	5	P5-16_R05	17	R	70	55	71	15.9	71	No	-	No	Yes
P	I	5	P5-16_R05	18	R	70	55	71	15.8	71	No	-	No	Yes
P	I	5	P5-16_R05	19	R	70	55	71	15.7	71	No	-	No	Yes
P	I	5	P5-16_R05	20	R	70	55	71	15.7	71	No	-	No	Yes
P	I	5	P5-16_R05	21	R	70	55	71	15.5	71	No	-	No	Yes
P	I	5	P5-16_R05	22	R	70	55	70	15.5	71	Yes	-	No	Yes
P	I	5	P5-16_R05	23	R	70	55	70	15.5	70	Yes	-	Yes	No
P	I	5	P5-16_R05	24	R	70	55	70	15.3	70	Yes	-	Yes	No
P	I	5	P5-16_R05	25	R	70	55	70	15.3	70	Yes	-	Yes	No
P	I	5	P5-16_R05	26	R	70	55	70	15.3	70	Yes	-	Yes	No
P	I	5	P5-16_R05	27	R	70	55	70	15.3	70	Yes	-	Yes	No
P	I	5	P5-16_R05	28	R	70	55	70	15.1	70	Yes	-	Yes	No
P	I	5	P5-16_R06	1	R	70	44	74	30.0	74	No	-	No	Yes
P	I	5	P5-16_R06	2	R	70	49	73	24.7	73	No	-	No	Yes
P	I	5	P5-16_R06	3	R	70	54	73	19.6	73	No	-	No	Yes
P	I	5	P5-16_R06	4	R	70	56	73	17.5	73	No	-	No	Yes
P	I	5	P5-16_R06	5	R	70	57	73	16.9	73	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-16_R06	6	R	70	57	73	16.6	73	No	-	No	Yes
P	I	5	P5-16_R06	7	R	70	57	73	16.7	73	No	-	No	Yes
P	I	5	P5-16_R06	8	R	70	57	73	16.5	73	No	-	No	Yes
P	I	5	P5-16_R06	9	R	70	56	73	16.5	73	No	-	No	Yes
P	I	5	P5-16_R06	10	R	70	56	73	16.4	73	No	-	No	Yes
P	I	5	P5-16_R06	11	R	70	56	72	16.2	73	No	-	No	Yes
P	I	5	P5-16_R06	12	R	70	56	72	16.2	72	No	-	No	Yes
P	I	5	P5-16_R06	13	R	70	56	72	16.1	72	No	-	No	Yes
P	I	5	P5-16_R06	14	R	70	56	72	16.0	72	No	-	No	Yes
P	I	5	P5-16_R06	15	R	70	56	72	15.9	72	No	-	No	Yes
P	I	5	P5-16_R06	16	R	70	56	72	15.9	72	No	-	No	Yes
P	I	5	P5-16_R06	17	R	70	56	72	15.7	72	No	-	No	Yes
P	I	5	P5-16_R06	18	R	70	56	71	15.7	72	No	-	No	Yes
P	I	5	P5-16_R06	19	R	70	56	71	15.6	71	No	-	No	Yes
P	I	5	P5-16_R06	20	R	70	56	71	15.5	71	No	-	No	Yes
P	I	5	P5-16_R06	21	R	70	56	71	15.5	71	No	-	No	Yes
P	I	5	P5-16_R06	22	R	70	56	71	15.4	71	No	-	No	Yes
P	I	5	P5-16_R06	23	R	70	55	71	15.4	71	No	-	No	Yes
P	I	5	P5-16_R06	24	R	70	55	71	15.2	71	No	-	No	Yes
P	I	5	P5-16_R06	25	R	70	55	70	15.2	71	Yes	-	No	Yes
P	I	5	P5-16_R06	26	R	70	55	70	15.2	70	Yes	-	Yes	No
P	I	5	P5-16_R06	27	R	70	55	70	15.2	70	Yes	-	Yes	No
P	I	5	P5-16_R06	28	R	70	55	70	15.1	70	Yes	-	Yes	No
P	I	5	P5-16_R07	1	R	70	44	69	25.3	69	Yes	-	Yes	No
P	I	5	P5-16_R07	2	R	70	50	70	19.6	70	Yes	-	Yes	No
P	I	5	P5-16_R07	3	R	70	55	70	15.0	70	Yes	-	Yes	No
P	I	5	P5-16_R07	4	R	70	56	70	13.9	70	Yes	-	Yes	No
P	I	5	P5-16_R07	5	R	70	57	71	14.1	71	No	-	No	Yes
P	I	5	P5-16_R07	6	R	70	57	71	14.6	71	No	-	No	Yes
P	I	5	P5-16_R07	7	R	70	57	72	15.0	72	No	-	No	Yes
P	I	5	P5-16_R07	8	R	70	57	72	15.2	72	No	-	No	Yes
P	I	5	P5-16_R07	9	R	70	57	72	15.4	72	No	-	No	Yes
P	I	5	P5-16_R07	10	R	70	57	72	15.6	72	No	-	No	Yes
P	I	5	P5-16_R07	11	R	70	56	72	15.7	72	No	-	No	Yes
P	I	5	P5-16_R07	12	R	70	56	72	15.6	72	No	-	No	Yes
P	I	5	P5-16_R07	13	R	70	56	72	15.7	72	No	-	No	Yes
P	I	5	P5-16_R07	14	R	70	56	72	15.7	72	No	-	No	Yes
P	I	5	P5-16_R07	15	R	70	56	72	15.6	72	No	-	No	Yes
P	I	5	P5-16_R07	16	R	70	56	72	15.6	72	No	-	No	Yes
P	I	5	P5-16_R07	17	R	70	56	72	15.5	72	No	-	No	Yes
P	I	5	P5-16_R07	18	R	70	56	71	15.5	72	No	-	No	Yes
P	I	5	P5-16_R07	19	R	70	56	71	15.5	71	No	-	No	Yes
P	I	5	P5-16_R07	20	R	70	56	71	15.5	71	No	-	No	Yes
P	I	5	P5-16_R07	21	R	70	56	71	15.4	71	No	-	No	Yes
P	I	5	P5-16_R07	22	R	70	56	71	15.4	71	No	-	No	Yes
P	I	5	P5-16_R07	23	R	70	56	71	15.5	71	No	-	No	Yes
P	I	5	P5-16_R07	24	R	70	56	71	15.4	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-16_R07	25	R	70	56	71	15.3	71	No	-	No	Yes
P	I	5	P5-16_R07	26	R	70	55	71	15.3	71	No	-	No	Yes
P	I	5	P5-16_R07	27	R	70	55	71	15.3	71	No	-	No	Yes
P	I	5	P5-16_R07	28	R	70	55	70	15.3	71	Yes	-	No	Yes
P	I	5	P5-16_R11	1	R	70	47	58	10.6	58	Yes	-	Yes	No
P	I	5	P5-16_R11	2	R	70	56	62	7.4	63	Yes	-	Yes	No
P	I	5	P5-16_R11	3	R	70	59	67	8.7	68	Yes	-	Yes	No
P	I	5	P5-16_R11	4	R	70	59	69	10.4	70	Yes	-	Yes	No
P	I	5	P5-16_R11	5	R	70	59	70	11.3	71	Yes	-	No	Yes
P	I	5	P5-16_R11	6	R	70	59	71	11.9	71	No	-	No	Yes
P	I	5	P5-16_R11	7	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	8	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	9	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	10	R	70	59	71	12.2	71	No	-	No	Yes
P	I	5	P5-16_R11	11	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	12	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	13	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	14	R	70	59	71	12.1	71	No	-	No	Yes
P	I	5	P5-16_R11	15	R	70	59	71	12.2	71	No	-	No	Yes
P	I	5	P5-16_R11	16	R	70	59	71	12.2	71	No	-	No	Yes
P	I	5	P5-16_R11	17	R	70	59	71	12.2	71	No	-	No	Yes
P	I	5	P5-16_R11	18	R	70	59	71	12.2	71	No	-	No	Yes
P	I	5	P5-16_R11	19	R	70	59	71	12.2	71	No	-	No	Yes
P	I	5	P5-16_R11	20	R	70	59	70	12.1	71	Yes	-	No	Yes
P	I	5	P5-16_R11	21	R	70	59	70	12.1	71	Yes	-	No	Yes
P	I	5	P5-16_R11	22	R	70	58	70	12.2	71	Yes	-	No	Yes
P	I	5	P5-16_R11	23	R	70	58	70	12.1	71	Yes	-	No	Yes
P	I	5	P5-16_R11	24	R	70	58	70	12.2	71	Yes	-	No	Yes
P	I	5	P5-16_R11	25	R	70	58	70	12.2	70	Yes	-	Yes	No
P	I	5	P5-16_R11	26	R	70	58	70	12.2	70	Yes	-	Yes	No
P	I	5	P5-16_R11	27	R	70	58	70	12.2	70	Yes	-	Yes	No
P	I	5	P5-16_R11	28	R	70	58	70	12.2	70	Yes	-	Yes	No
P	I	5	P5-17_R01	1	R	70	56	75	18.8	75	No	-	No	Yes
P	I	5	P5-17_R01	2	R	70	58	75	17.3	75	No	-	No	Yes
P	I	5	P5-17_R01	3	R	70	58	75	16.4	75	No	-	No	Yes
P	I	5	P5-17_R01	4	R	70	59	75	16.1	75	No	-	No	Yes
P	I	5	P5-17_R01	5	R	70	59	74	15.8	75	No	-	No	Yes
P	I	5	P5-17_R01	6	R	70	59	74	15.5	74	No	-	No	Yes
P	I	5	P5-17_R01	7	R	70	59	74	15.3	74	No	-	No	Yes
P	I	5	P5-17_R01	8	R	70	59	74	15.1	74	No	-	No	Yes
P	I	5	P5-17_R01	9	R	70	59	74	14.8	74	No	-	No	Yes
P	I	5	P5-17_R01	10	R	70	59	74	14.8	74	No	-	No	Yes
P	I	5	P5-17_R01	11	R	70	59	74	14.7	74	No	-	No	Yes
P	I	5	P5-17_R01	12	R	70	59	73	14.6	74	No	-	No	Yes
P	I	5	P5-17_R01	13	R	70	59	73	14.5	73	No	-	No	Yes
P	I	5	P5-17_R01	14	R	70	59	73	14.3	73	No	-	No	Yes
P	I	5	P5-17_R01	15	R	70	59	73	14.2	73	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-17_R01	16	R	70	59	73	14.1	73	No	-	No	Yes
P	I	5	P5-17_R01	17	R	70	59	73	14.1	73	No	-	No	Yes
P	I	5	P5-17_R01	18	R	70	59	73	13.9	73	No	-	No	Yes
P	I	5	P5-17_R01	19	R	70	59	72	13.9	73	No	-	No	Yes
P	I	5	P5-17_R01	20	R	70	59	72	13.8	72	No	-	No	Yes
P	I	5	P5-17_R01	21	R	70	59	72	13.7	72	No	-	No	Yes
P	I	5	P5-17_R01	22	R	70	59	72	13.6	72	No	-	No	Yes
P	I	5	P5-17_R01	23	R	70	58	72	13.6	72	No	-	No	Yes
P	I	5	P5-17_R01	24	R	70	58	72	13.5	72	No	-	No	Yes
P	I	5	P5-17_R01	25	R	70	58	72	13.5	72	No	-	No	Yes
P	I	5	P5-17_R01	26	R	70	58	71	13.3	72	No	-	No	Yes
P	I	5	P5-17_R01	27	R	70	58	71	13.4	72	No	-	No	Yes
P	I	5	P5-17_R01	28	R	70	58	71	13.3	72	No	-	No	Yes
P	I	5	P5-17_R01	29	R	70	58	71	13.2	71	No	-	No	Yes
P	I	5	P5-17_R02	1	R	70	55	72	16.9	72	No	-	No	Yes
P	I	5	P5-17_R02	2	R	70	55	72	16.5	72	No	-	No	Yes
P	I	5	P5-17_R02	3	R	70	55	72	16.3	72	No	-	No	Yes
P	I	5	P5-17_R02	4	R	70	56	72	16.1	72	No	-	No	Yes
P	I	5	P5-17_R02	5	R	70	56	71	15.9	72	No	-	No	Yes
P	I	5	P5-17_R02	6	R	70	56	71	15.8	71	No	-	No	Yes
P	I	5	P5-17_R02	7	R	70	56	71	15.7	71	No	-	No	Yes
P	I	5	P5-17_R02	8	R	70	56	71	15.6	71	No	-	No	Yes
P	I	5	P5-17_R02	9	R	70	56	71	15.6	71	No	-	No	Yes
P	I	5	P5-17_R02	10	R	70	56	71	15.5	71	No	-	No	Yes
P	I	5	P5-17_R02	11	R	70	56	71	15.4	71	No	-	No	Yes
P	I	5	P5-17_R02	12	R	70	56	71	15.3	71	No	-	No	Yes
P	I	5	P5-17_R02	13	R	70	56	71	15.2	71	No	-	No	Yes
P	I	5	P5-17_R02	14	R	70	55	70	15.1	71	Yes	-	No	Yes
P	I	5	P5-17_R02	15	R	70	55	70	15.0	70	Yes	-	Yes	No
P	I	5	P5-17_R02	16	R	70	56	70	14.8	70	Yes	-	Yes	No
P	I	5	P5-17_R02	17	R	70	56	70	14.7	70	Yes	-	Yes	No
P	I	5	P5-17_R02	18	R	70	55	70	14.7	70	Yes	-	Yes	No
P	I	5	P5-17_R02	19	R	70	55	70	14.6	70	Yes	-	Yes	No
P	I	5	P5-17_R02	20	R	70	56	70	14.4	70	Yes	-	Yes	No
P	I	5	P5-17_R02	21	R	70	56	70	14.3	70	Yes	-	Yes	No
P	I	5	P5-17_R02	22	R	70	56	70	14.2	70	Yes	-	Yes	No
P	I	5	P5-17_R02	23	R	70	56	69	14.1	70	Yes	-	Yes	No
P	I	5	P5-17_R02	24	R	70	56	69	13.9	70	Yes	-	Yes	No
P	I	5	P5-17_R02	25	R	70	56	69	13.9	69	Yes	-	Yes	No
P	I	5	P5-17_R02	26	R	70	56	69	13.7	69	Yes	-	Yes	No
P	I	5	P5-17_R02	27	R	70	56	69	13.7	69	Yes	-	Yes	No
P	I	5	P5-17_R02	28	R	70	56	69	13.7	69	Yes	-	Yes	No
P	I	5	P5-17_R02	29	R	70	56	69	13.6	69	Yes	-	Yes	No
P	I	5	P5-17_R03	1	R	70	56	71	15.4	71	No	-	No	Yes
P	I	5	P5-17_R03	2	R	70	56	71	15.1	71	No	-	No	Yes
P	I	5	P5-17_R03	3	R	70	56	71	14.9	71	No	-	No	Yes
P	I	5	P5-17_R03	4	R	70	57	71	14.8	71	No	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-17_R03	5	R	70	57	71	14.7	71	No	-	No	Yes
P	I	5	P5-17_R03	6	R	70	57	71	14.7	71	No	-	No	Yes
P	I	5	P5-17_R03	7	R	70	57	71	14.7	71	No	-	No	Yes
P	I	5	P5-17_R03	8	R	70	56	71	14.7	71	No	-	No	Yes
P	I	5	P5-17_R03	9	R	70	56	71	14.6	71	No	-	No	Yes
P	I	5	P5-17_R03	10	R	70	56	71	14.6	71	No	-	No	Yes
P	I	5	P5-17_R03	11	R	70	56	71	14.5	71	No	-	No	Yes
P	I	5	P5-17_R03	12	R	70	56	71	14.4	71	No	-	No	Yes
P	I	5	P5-17_R03	13	R	70	56	71	14.4	71	No	-	No	Yes
P	I	5	P5-17_R03	14	R	70	56	70	14.3	71	Yes	-	No	Yes
P	I	5	P5-17_R03	15	R	70	56	70	14.2	71	Yes	-	No	Yes
P	I	5	P5-17_R03	16	R	70	56	70	14.1	70	Yes	-	Yes	No
P	I	5	P5-17_R03	17	R	70	56	70	14.0	70	Yes	-	Yes	No
P	I	5	P5-17_R03	18	R	70	56	70	13.9	70	Yes	-	Yes	No
P	I	5	P5-17_R03	19	R	70	56	70	14.0	70	Yes	-	Yes	No
P	I	5	P5-17_R03	20	R	70	56	70	13.8	70	Yes	-	Yes	No
P	I	5	P5-17_R03	21	R	70	56	70	13.7	70	Yes	-	Yes	No
P	I	5	P5-17_R03	22	R	70	56	70	13.6	70	Yes	-	Yes	No
P	I	5	P5-17_R03	23	R	70	56	70	13.5	70	Yes	-	Yes	No
P	I	5	P5-17_R03	24	R	70	56	70	13.4	70	Yes	-	Yes	No
P	I	5	P5-17_R03	25	R	70	56	69	13.3	70	Yes	-	Yes	No
P	I	5	P5-17_R03	26	R	70	56	69	13.3	70	Yes	-	Yes	No
P	I	5	P5-17_R03	27	R	70	56	69	13.3	70	Yes	-	Yes	No
P	I	5	P5-17_R03	28	R	70	56	69	13.2	69	Yes	-	Yes	No
P	I	5	P5-17_R03	29	R	70	56	69	13.1	69	Yes	-	Yes	No
P	I	5	P5-17_R04	1	R	70	45	72	27.7	72	No	-	No	Yes
P	I	5	P5-17_R04	2	R	70	50	72	22.6	72	No	-	No	Yes
P	I	5	P5-17_R04	3	R	70	54	72	17.9	72	No	-	No	Yes
P	I	5	P5-17_R04	4	R	70	55	72	16.8	72	No	-	No	Yes
P	I	5	P5-17_R04	5	R	70	56	72	16.4	72	No	-	No	Yes
P	I	5	P5-17_R04	6	R	70	56	72	15.9	72	No	-	No	Yes
P	I	5	P5-17_R04	7	R	70	56	72	15.4	72	No	-	No	Yes
P	I	5	P5-17_R04	8	R	70	57	72	15.0	72	No	-	No	Yes
P	I	5	P5-17_R04	9	R	70	57	71	14.6	72	No	-	No	Yes
P	I	5	P5-17_R04	10	R	70	57	71	14.5	71	No	-	No	Yes
P	I	5	P5-17_R04	11	R	70	57	71	14.4	71	No	-	No	Yes
P	I	5	P5-17_R04	12	R	70	57	71	14.3	71	No	-	No	Yes
P	I	5	P5-17_R04	13	R	70	57	71	14.1	71	No	-	No	Yes
P	I	5	P5-17_R04	14	R	70	57	71	14.1	71	No	-	No	Yes
P	I	5	P5-17_R04	15	R	70	57	70	13.9	71	Yes	-	No	Yes
P	I	5	P5-17_R04	16	R	70	57	70	13.8	71	Yes	-	No	Yes
P	I	5	P5-17_R04	17	R	70	57	70	13.8	70	Yes	-	Yes	No
P	I	5	P5-17_R04	18	R	70	57	70	13.6	70	Yes	-	Yes	No
P	I	5	P5-17_R04	19	R	70	57	70	13.6	70	Yes	-	Yes	No
P	I	5	P5-17_R04	20	R	70	56	70	13.5	70	Yes	-	Yes	No
P	I	5	P5-17_R04	21	R	70	56	70	13.4	70	Yes	-	Yes	No
P	I	5	P5-17_R04	22	R	70	56	70	13.4	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-17_R04	23	R	70	56	69	13.3	70	Yes	-	Yes	No
P	I	5	P5-17_R04	24	R	70	56	69	13.2	69	Yes	-	Yes	No
P	I	5	P5-17_R04	25	R	70	56	69	13.2	69	Yes	-	Yes	No
P	I	5	P5-17_R04	26	R	70	56	69	13.2	69	Yes	-	Yes	No
P	I	5	P5-17_R04	27	R	70	56	69	13.1	69	Yes	-	Yes	No
P	I	5	P5-17_R04	28	R	70	56	69	13.1	69	Yes	-	Yes	No
P	I	5	P5-17_R04	29	R	70	56	69	13.1	69	Yes	-	Yes	No
P	I	5	P5-17_R05	1	R	70	43	71	27.9	71	No	-	No	Yes
P	I	5	P5-17_R05	2	R	70	48	71	23.4	71	No	-	No	Yes
P	I	5	P5-17_R05	3	R	70	52	71	19.7	71	No	-	No	Yes
P	I	5	P5-17_R05	4	R	70	53	72	18.3	72	No	-	No	Yes
P	I	5	P5-17_R05	5	R	70	55	72	17.1	72	No	-	No	Yes
P	I	5	P5-17_R05	6	R	70	56	72	16.0	72	No	-	No	Yes
P	I	5	P5-17_R05	7	R	70	56	72	15.2	72	No	-	No	Yes
P	I	5	P5-17_R05	8	R	70	57	71	14.5	72	No	-	No	Yes
P	I	5	P5-17_R05	9	R	70	58	71	14.0	72	No	-	No	Yes
P	I	5	P5-17_R05	10	R	70	58	71	13.7	71	No	-	No	Yes
P	I	5	P5-17_R05	11	R	70	58	71	13.5	71	No	-	No	Yes
P	I	5	P5-17_R05	12	R	70	58	71	13.4	71	No	-	No	Yes
P	I	5	P5-17_R05	13	R	70	58	71	13.3	71	No	-	No	Yes
P	I	5	P5-17_R05	14	R	70	58	71	13.1	71	No	-	No	Yes
P	I	5	P5-17_R05	15	R	70	58	71	13.0	71	No	-	No	Yes
P	I	5	P5-17_R05	16	R	70	58	71	12.9	71	No	-	No	Yes
P	I	5	P5-17_R05	17	R	70	58	70	12.9	71	Yes	-	No	Yes
P	I	5	P5-17_R05	18	R	70	58	70	12.8	71	Yes	-	No	Yes
P	I	5	P5-17_R05	19	R	70	58	70	12.7	70	Yes	-	Yes	No
P	I	5	P5-17_R05	20	R	70	58	70	12.6	70	Yes	-	Yes	No
P	I	5	P5-17_R05	21	R	70	58	70	12.5	70	Yes	-	Yes	No
P	I	5	P5-17_R05	22	R	70	58	70	12.4	70	Yes	-	Yes	No
P	I	5	P5-17_R05	23	R	70	58	70	12.3	70	Yes	-	Yes	No
P	I	5	P5-17_R05	24	R	70	58	70	12.3	70	Yes	-	Yes	No
P	I	5	P5-17_R05	25	R	70	57	69	12.3	70	Yes	-	Yes	No
P	I	5	P5-17_R05	26	R	70	57	69	12.2	70	Yes	-	Yes	No
P	I	5	P5-17_R05	27	R	70	57	69	12.2	70	Yes	-	Yes	No
P	I	5	P5-17_R05	28	R	70	57	69	12.2	69	Yes	-	Yes	No
P	I	5	P5-17_R05	29	R	70	57	69	12.1	69	Yes	-	Yes	No
P	I	5	P5-17_R11	1	R	70	28	59	30.9	59	Yes	-	Yes	No
P	I	5	P5-17_R11	2	R	70	28	61	33.2	61	Yes	-	Yes	No
P	I	5	P5-17_R11	3	R	70	28	63	34.5	63	Yes	-	Yes	No
P	I	5	P5-17_R11	4	R	70	28	63	35.3	63	Yes	-	Yes	No
P	I	5	P5-17_R11	5	R	70	28	64	36.2	64	Yes	-	Yes	No
P	I	5	P5-17_R11	6	R	70	28	65	36.8	65	Yes	-	Yes	No
P	I	5	P5-17_R11	7	R	70	28	65	37.3	65	Yes	-	Yes	No
P	I	5	P5-17_R11	8	R	70	28	66	37.8	66	Yes	-	Yes	No
P	I	5	P5-17_R11	9	R	70	28	66	38.1	66	Yes	-	Yes	No
P	I	5	P5-17_R11	10	R	70	28	66	38.4	66	Yes	-	Yes	No
P	I	5	P5-17_R11	11	R	70	28	67	38.7	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-17_R11	12	R	70	28	67	38.8	67	Yes	-	Yes	No
P	I	5	P5-17_R11	13	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	14	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	15	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	16	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	17	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	18	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	19	R	70	28	67	38.9	67	Yes	-	Yes	No
P	I	5	P5-17_R11	20	R	70	28	67	38.8	67	Yes	-	Yes	No
P	I	5	P5-17_R11	21	R	70	28	67	38.8	67	Yes	-	Yes	No
P	I	5	P5-17_R11	22	R	70	28	67	38.8	67	Yes	-	Yes	No
P	I	5	P5-17_R11	23	R	70	28	67	38.7	67	Yes	-	Yes	No
P	I	5	P5-17_R11	24	R	70	28	67	38.7	67	Yes	-	Yes	No
P	I	5	P5-17_R11	25	R	70	28	66	38.7	66	Yes	-	Yes	No
P	I	5	P5-17_R11	26	R	70	28	66	38.6	66	Yes	-	Yes	No
P	I	5	P5-17_R11	27	R	70	28	66	38.7	66	Yes	-	Yes	No
P	I	5	P5-17_R11	28	R	70	28	66	38.4	66	Yes	-	Yes	No
P	I	5	P5-17_R11	29	R	70	28	66	37.8	66	Yes	-	Yes	No
P	I	5	P5-17_R12	1	R	70	39	54	15.3	54	Yes	-	Yes	No
P	I	5	P5-17_R12	2	R	70	40	59	18.6	59	Yes	-	Yes	No
P	I	5	P5-17_R12	3	R	70	42	61	20.0	62	Yes	-	Yes	No
P	I	5	P5-17_R12	4	R	70	44	64	19.6	64	Yes	-	Yes	No
P	I	5	P5-17_R12	5	R	70	45	65	19.5	65	Yes	-	Yes	No
P	I	5	P5-17_R12	6	R	70	46	65	19.2	65	Yes	-	Yes	No
P	I	5	P5-17_R12	7	R	70	47	66	18.7	66	Yes	-	Yes	No
P	I	5	P5-17_R12	8	R	70	49	66	17.7	66	Yes	-	Yes	No
P	I	5	P5-17_R12	9	R	70	50	67	16.4	67	Yes	-	Yes	No
P	I	5	P5-17_R12	10	R	70	53	67	14.7	67	Yes	-	Yes	No
P	I	5	P5-17_R12	11	R	70	54	67	13.6	68	Yes	-	Yes	No
P	I	5	P5-17_R12	12	R	70	55	68	12.7	68	Yes	-	Yes	No
P	I	5	P5-17_R12	13	R	70	56	68	12.2	68	Yes	-	Yes	No
P	I	5	P5-17_R12	14	R	70	56	68	11.7	68	Yes	-	Yes	No
P	I	5	P5-17_R12	15	R	70	57	68	11.4	68	Yes	-	Yes	No
P	I	5	P5-17_R12	16	R	70	57	68	11.1	68	Yes	-	Yes	No
P	I	5	P5-17_R12	17	R	70	57	68	10.7	68	Yes	-	Yes	No
P	I	5	P5-17_R12	18	R	70	58	68	10.5	68	Yes	-	Yes	No
P	I	5	P5-17_R12	19	R	70	58	68	10.3	68	Yes	-	Yes	No
P	I	5	P5-17_R12	20	R	70	58	68	10.1	68	Yes	-	Yes	No
P	I	5	P5-17_R12	21	R	70	58	68	9.9	68	Yes	-	Yes	No
P	I	5	P5-17_R12	22	R	70	58	67	9.8	68	Yes	-	Yes	No
P	I	5	P5-17_R12	23	R	70	58	67	9.7	68	Yes	-	Yes	No
P	I	5	P5-17_R12	24	R	70	58	67	9.5	68	Yes	-	Yes	No
P	I	5	P5-17_R12	25	R	70	58	67	9.5	68	Yes	-	Yes	No
P	I	5	P5-17_R12	26	R	70	58	67	9.3	68	Yes	-	Yes	No
P	I	5	P5-17_R12	27	R	70	59	67	9.2	68	Yes	-	Yes	No
P	I	5	P5-17_R12	28	R	70	59	67	9.1	68	Yes	-	Yes	No
P	I	5	P5-17_R12	29	R	70	59	67	9.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-21_E01	1	E	65	59	56	1.7	61	Yes	-	Yes	No
P	I	5	P5-21_E01	2	E	65	62	58	1.5	63	Yes	-	Yes	No
P	I	5	P5-21_E01	3	E	65	63	59	1.7	64	Yes	-	Yes	No
P	I	5	P5-21_E01	4	E	65	63	60	1.6	65	Yes	-	Yes	No
P	I	5	P5-21_E01	5	E	65	63	60	1.8	65	Yes	-	Yes	No
P	I	5	P5-21_E01	6	E	65	63	60	1.8	65	Yes	-	Yes	No
P	I	5	P5-21_E01	7	E	65	63	61	2.2	65	Yes	-	Yes	No
P	I	5	P5-21_E01	8	E	65	63	63	2.7	66	Yes	-	No	Yes
P	I	5	P5-21_E02	1	E	65	61	53	0.6	62	Yes	-	Yes	No
P	I	5	P5-21_E02	2	E	65	64	55	0.5	64	Yes	-	Yes	No
P	I	5	P5-21_E02	3	E	65	64	56	0.6	65	Yes	-	Yes	No
P	I	5	P5-21_E02	4	E	65	64	56	0.6	65	Yes	-	Yes	No
P	I	5	P5-21_E02	5	E	65	65	56	0.5	65	Yes	-	Yes	No
P	I	5	P5-21_E02	6	E	65	65	56	0.6	65	Yes	-	Yes	No
P	I	5	P5-21_E02	7	E	65	65	56	0.6	66	Yes	-	No	Yes
P	I	5	P5-21_E02	8	E	65	65	56	0.6	66	Yes	-	No	Yes
P	I	5	P5-24_R01	1	R	70	66	51	0.1	66	Yes	-	Yes	No
P	I	5	P5-24_R01	2	R	70	66	52	0.2	66	Yes	-	Yes	No
P	I	5	P5-24_R01	3	R	70	66	53	0.2	66	Yes	-	Yes	No
P	I	5	P5-24_R01	4	R	70	66	53	0.2	66	Yes	-	Yes	No
P	I	5	P5-24_R01	5	R	70	66	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	6	R	70	66	54	0.2	66	Yes	-	Yes	No
P	I	5	P5-24_R01	7	R	70	66	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	8	R	70	66	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	9	R	70	65	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	10	R	70	65	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	11	R	70	65	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	12	R	70	65	54	0.3	66	Yes	-	Yes	No
P	I	5	P5-24_R01	13	R	70	65	54	0.3	65	Yes	-	Yes	No
P	I	5	P5-24_R01	14	R	70	65	54	0.3	65	Yes	-	Yes	No
P	I	5	P5-24_R01	15	R	70	65	55	0.4	65	Yes	-	Yes	No
P	I	5	P5-24_R01	16	R	70	65	55	0.4	65	Yes	-	Yes	No
P	I	5	P5-24_R01	17	R	70	65	55	0.4	65	Yes	-	Yes	No
P	I	5	P5-24_R01	18	R	70	65	56	0.5	65	Yes	-	Yes	No
P	I	5	P5-24_R01	19	R	70	65	56	0.6	65	Yes	-	Yes	No
P	I	5	P5-24_R01	20	R	70	65	56	0.6	65	Yes	-	Yes	No
P	I	5	P5-24_R01	21	R	70	64	57	0.7	65	Yes	-	Yes	No
P	I	5	P5-24_R01	22	R	70	64	57	0.7	65	Yes	-	Yes	No
P	I	5	P5-24_R01	23	R	70	64	57	0.7	65	Yes	-	Yes	No
P	I	5	P5-24_R01	24	R	70	64	57	0.7	65	Yes	-	Yes	No
P	I	5	P5-24_R01	25	R	70	64	57	0.7	65	Yes	-	Yes	No
P	I	5	P5-24_R01	26	R	70	64	57	0.7	65	Yes	-	Yes	No
P	I	5	P5-24_R01	27	R	70	64	57	0.8	65	Yes	-	Yes	No
P	I	5	P5-24_R01	28	R	70	64	57	0.8	65	Yes	-	Yes	No
P	I	5	P5-24_R01	29	R	70	64	57	0.8	65	Yes	-	Yes	No
P	I	5	P5-24_R01	30	R	70	64	57	0.8	65	Yes	-	Yes	No
P	I	5	P5-24_R01	31	R	70	64	57	0.8	64	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-24_R01	32	R	70	64	57	0.9	64	Yes	-	Yes	No
P	I	5	P5-24_R01	33	R	70	63	57	0.9	64	Yes	-	Yes	No
P	I	5	P5-24_R01	34	R	70	63	57	0.9	64	Yes	-	Yes	No
P	I	5	P5-24_R01	35	R	70	63	57	0.9	64	Yes	-	Yes	No
P	I	5	P5-24_R11	1	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	5	P5-24_R11	2	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	5	P5-24_R11	3	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	5	P5-24_R11	4	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	5	P5-24_R11	5	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	5	P5-24_R11	6	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	5	P5-24_R11	7	R	70	66	27	0.0	66	Yes	-	Yes	No
P	I	5	P5-24_R11	8	R	70	65	27	0.0	65	Yes	-	Yes	No
P	I	5	P5-24_R11	9	R	70	65	27	0.0	65	Yes	-	Yes	No
P	I	5	P5-24_R11	10	R	70	65	27	0.0	65	Yes	-	Yes	No
P	I	5	P5-24_R11	11	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R11	12	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R11	13	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R11	14	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R11	15	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R11	16	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R11	17	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	18	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	19	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	20	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	21	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	22	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	23	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R11	24	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	25	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	26	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	27	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	28	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	29	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	30	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	31	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	32	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	33	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R11	34	R	70	61	27	0.0	61	Yes	-	Yes	No
P	I	5	P5-24_R11	35	R	70	61	27	0.0	61	Yes	-	Yes	No
P	I	5	P5-24_R21	1	R	70	68	26	0.0	68	Yes	-	Yes	No
P	I	5	P5-24_R21	2	R	70	68	26	0.0	68	Yes	-	Yes	No
P	I	5	P5-24_R21	3	R	70	67	26	0.0	67	Yes	-	Yes	No
P	I	5	P5-24_R21	4	R	70	67	26	0.0	67	Yes	-	Yes	No
P	I	5	P5-24_R21	5	R	70	66	26	0.0	66	Yes	-	Yes	No
P	I	5	P5-24_R21	6	R	70	66	26	0.0	66	Yes	-	Yes	No
P	I	5	P5-24_R21	7	R	70	66	26	0.0	66	Yes	-	Yes	No
P	I	5	P5-24_R21	8	R	70	65	26	0.0	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-24_R21	9	R	70	65	26	0.0	65	Yes	-	Yes	No
P	I	5	P5-24_R21	10	R	70	65	26	0.0	65	Yes	-	Yes	No
P	I	5	P5-24_R21	11	R	70	65	26	0.0	65	Yes	-	Yes	No
P	I	5	P5-24_R21	12	R	70	64	26	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R21	13	R	70	64	26	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R21	14	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R21	15	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R21	16	R	70	64	27	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R21	17	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	18	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	19	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	20	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	21	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	22	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	23	R	70	63	27	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R21	24	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	25	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	26	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	27	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	28	R	70	62	27	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	29	R	70	62	28	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	30	R	70	62	28	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	31	R	70	62	28	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	32	R	70	62	28	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	33	R	70	62	28	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R21	34	R	70	61	28	0.0	61	Yes	-	Yes	No
P	I	5	P5-24_R21	35	R	70	61	29	0.0	61	Yes	-	Yes	No
P	I	5	P5-24_R22	1	R	70	43	24	0.1	43	Yes	-	Yes	No
P	I	5	P5-24_R22	2	R	70	44	24	0.0	44	Yes	-	Yes	No
P	I	5	P5-24_R22	3	R	70	47	24	0.0	47	Yes	-	Yes	No
P	I	5	P5-24_R22	4	R	70	50	24	0.0	50	Yes	-	Yes	No
P	I	5	P5-24_R22	5	R	70	56	24	0.0	56	Yes	-	Yes	No
P	I	5	P5-24_R22	6	R	70	60	24	0.0	60	Yes	-	Yes	No
P	I	5	P5-24_R22	7	R	70	61	24	0.0	61	Yes	-	Yes	No
P	I	5	P5-24_R22	8	R	70	62	24	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R22	9	R	70	62	24	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R22	10	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	11	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	12	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	13	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	14	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	15	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	16	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	17	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	18	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	19	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	20	R	70	63	24	0.0	63	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-24_R22	21	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	22	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	23	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	24	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	25	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	26	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	27	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	28	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	29	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	30	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	31	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	32	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	33	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	34	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R22	35	R	70	63	24	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	1	R	70	59	5	0.0	59	Yes	-	Yes	No
P	I	5	P5-24_R23	2	R	70	60	5	0.0	60	Yes	-	Yes	No
P	I	5	P5-24_R23	3	R	70	60	5	0.0	60	Yes	-	Yes	No
P	I	5	P5-24_R23	4	R	70	61	5	0.0	61	Yes	-	Yes	No
P	I	5	P5-24_R23	5	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	6	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	7	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	8	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	9	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	10	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	11	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	12	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	13	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	14	R	70	62	5	0.0	62	Yes	-	Yes	No
P	I	5	P5-24_R23	15	R	70	63	5	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	16	R	70	63	5	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	17	R	70	63	5	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	18	R	70	63	5	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	19	R	70	63	5	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	20	R	70	63	6	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	21	R	70	63	6	0.0	63	Yes	-	Yes	No
P	I	5	P5-24_R23	22	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	23	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	24	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	25	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	26	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	27	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	28	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	29	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	30	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	31	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	32	R	70	64	6	0.0	64	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-24_R23	33	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	34	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-24_R23	35	R	70	64	6	0.0	64	Yes	-	Yes	No
P	I	5	P5-26_R01	1	R	70	68	41	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	2	R	70	68	42	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	3	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	4	R	70	68	44	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	5	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	6	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	7	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	8	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	9	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	10	R	70	68	46	0.1	68	Yes	-	Yes	No
P	I	5	P5-26_R01	11	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	12	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	13	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	14	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-26_R01	15	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	16	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-26_R01	17	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-26_R01	18	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	19	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	20	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-26_R01	21	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R01	22	R	70	67	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-26_R02	1	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R02	2	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R02	3	R	70	72	44	0.0	72	Yes	-	No	Yes
P	I	5	P5-26_R02	4	R	70	72	45	0.0	72	Yes	-	No	Yes
P	I	5	P5-26_R02	5	R	70	71	46	0.1	71	Yes	-	No	Yes
P	I	5	P5-26_R02	6	R	70	71	46	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R02	7	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R02	8	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R02	9	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R02	10	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R02	11	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R02	12	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R02	13	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	14	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	15	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	16	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	17	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	18	R	70	69	48	0.1	69	Yes	-	Yes	No
P	I	5	P5-26_R02	19	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	20	R	70	69	48	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R02	21	R	70	68	48	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R02	22	R	70	68	48	0.1	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-26_R03	1	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-26_R03	2	R	70	74	43	0.0	74	Yes	-	No	Yes
P	I	5	P5-26_R03	3	R	70	74	44	0.0	74	Yes	-	No	Yes
P	I	5	P5-26_R03	4	R	70	74	45	0.0	74	Yes	-	No	Yes
P	I	5	P5-26_R03	5	R	70	73	46	0.0	73	Yes	-	No	Yes
P	I	5	P5-26_R03	6	R	70	73	46	0.0	73	Yes	-	No	Yes
P	I	5	P5-26_R03	7	R	70	73	46	0.0	73	Yes	-	No	Yes
P	I	5	P5-26_R03	8	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-26_R03	9	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-26_R03	10	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-26_R03	11	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R03	12	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R03	13	R	70	71	48	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R03	14	R	70	71	48	0.0	71	Yes	-	No	Yes
P	I	5	P5-26_R03	15	R	70	70	48	0.1	71	Yes	-	No	Yes
P	I	5	P5-26_R03	16	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R03	17	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R03	18	R	70	70	48	0.1	70	Yes	-	Yes	No
P	I	5	P5-26_R03	19	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R03	20	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R03	21	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-26_R03	22	R	70	69	48	0.1	69	Yes	-	Yes	No
P	I	5	P5-26_R04	1	R	70	63	20	0.0	63	Yes	-	Yes	No
P	I	5	P5-26_R04	2	R	70	66	20	0.0	66	Yes	-	Yes	No
P	I	5	P5-26_R04	3	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	4	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	5	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	6	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	7	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	8	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	9	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	10	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	11	R	70	69	20	0.0	69	Yes	-	Yes	No
P	I	5	P5-26_R04	12	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	13	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	14	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	15	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	16	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	17	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-26_R04	18	R	70	67	20	0.0	67	Yes	-	Yes	No
P	I	5	P5-26_R04	19	R	70	67	20	0.0	67	Yes	-	Yes	No
P	I	5	P5-26_R04	20	R	70	67	20	0.0	67	Yes	-	Yes	No
P	I	5	P5-26_R04	21	R	70	67	20	0.0	67	Yes	-	Yes	No
P	I	5	P5-26_R04	22	R	70	67	20	0.0	67	Yes	-	Yes	No
P	I	5	P5-28_R01	1	R	70	64	32	0.0	64	Yes	-	Yes	No
P	I	5	P5-28_R01	2	R	70	65	36	0.1	66	Yes	-	Yes	No
P	I	5	P5-28_R01	3	R	70	67	39	0.1	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-28_R01	4	R	70	69	39	0.0	69	Yes	-	Yes	No
P	I	5	P5-28_R01	5	R	70	71	40	0.0	71	Yes	-	No	Yes
P	I	5	P5-28_R01	6	R	70	72	41	0.0	72	Yes	-	No	Yes
P	I	5	P5-28_R01	7	R	70	72	42	0.0	72	Yes	-	No	Yes
P	I	5	P5-28_R01	8	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R01	1	R	70	74	13	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R01	2	R	70	73	14	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R01	3	R	70	73	15	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R01	4	R	70	72	16	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R01	5	R	70	72	17	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R01	6	R	70	71	18	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R01	7	R	70	71	18	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R01	8	R	70	70	19	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R01	9	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R01	10	R	70	70	20	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R01	11	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R01	12	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R01	13	R	70	69	22	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R01	14	R	70	69	22	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R01	15	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R01	16	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R01	17	R	70	68	24	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R01	18	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R01	19	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R01	20	R	70	67	26	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	21	R	70	67	26	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	22	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	23	R	70	67	27	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	24	R	70	67	28	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	25	R	70	67	29	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	26	R	70	67	29	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	27	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	28	R	70	67	31	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R01	29	R	70	66	32	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R01	30	R	70	66	33	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R11	1	R	70	74	19	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R11	2	R	70	73	20	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R11	3	R	70	73	21	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R11	4	R	70	72	22	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R11	5	R	70	72	23	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R11	6	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R11	7	R	70	71	26	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R11	8	R	70	70	27	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R11	9	R	70	70	28	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R11	10	R	70	70	29	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R11	11	R	70	70	30	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R11	12	R	70	69	31	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R11	13	R	70	69	32	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R11	14	R	70	69	33	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R11	15	R	70	69	34	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R11	16	R	70	68	35	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	17	R	70	68	36	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	18	R	70	68	37	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	19	R	70	68	38	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	20	R	70	68	39	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	21	R	70	68	40	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	22	R	70	68	41	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	23	R	70	68	41	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	24	R	70	68	42	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	25	R	70	68	42	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	26	R	70	68	42	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	27	R	70	68	42	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	28	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	29	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R11	30	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R21	1	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R21	2	R	70	74	25	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R21	3	R	70	73	26	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R21	4	R	70	73	27	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R21	5	R	70	72	28	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R21	6	R	70	72	29	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R21	7	R	70	71	31	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R21	8	R	70	71	34	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R21	9	R	70	71	37	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R21	10	R	70	70	42	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	11	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	12	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	13	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	14	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	15	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	16	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	17	R	70	70	48	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	18	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	19	R	70	70	49	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	20	R	70	70	49	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	21	R	70	70	49	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	22	R	70	70	49	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	23	R	70	70	49	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	24	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	25	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	26	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	27	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R21	28	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R21	29	R	70	70	50	0.0	70	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R21	30	R	70	69	50	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R31	1	R	70	73	29	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R31	2	R	70	73	30	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R31	3	R	70	73	31	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R31	4	R	70	72	31	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R31	5	R	70	72	32	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R31	6	R	70	71	33	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R31	7	R	70	71	35	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R31	8	R	70	71	37	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R31	9	R	70	70	41	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	10	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	11	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	12	R	70	70	48	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	13	R	70	70	48	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	14	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	15	R	70	70	49	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	16	R	70	70	49	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	17	R	70	70	49	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	18	R	70	70	49	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	19	R	70	70	49	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	20	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	21	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	22	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	23	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R31	24	R	70	69	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R31	25	R	70	69	50	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R31	26	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	5	P5-32_R31	27	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	5	P5-32_R31	28	R	70	69	50	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R32	1	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R32	2	R	70	77	49	0.1	77	Yes	-	No	Yes
P	I	5	P5-32_R32	3	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R32	4	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	5	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	6	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	7	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	8	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	9	R	70	76	50	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	10	R	70	76	50	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R32	11	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R32	12	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R32	13	R	70	75	51	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R32	14	R	70	75	51	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R32	15	R	70	75	51	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R32	16	R	70	75	51	0.1	75	Yes	-	No	Yes
P	I	5	P5-32_R32	17	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R32	18	R	70	74	52	0.1	75	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R32	19	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R32	20	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R32	21	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R32	22	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R32	23	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R32	24	R	70	74	52	0.1	74	Yes	-	No	Yes
P	I	5	P5-32_R32	25	R	70	74	52	0.1	74	Yes	-	No	Yes
P	I	5	P5-32_R32	26	R	70	73	52	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R32	27	R	70	73	52	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R32	28	R	70	73	52	0.1	73	Yes	-	No	Yes
P	I	5	P5-32_R33	1	R	70	79	50	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R33	2	R	70	79	50	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R33	3	R	70	79	50	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R33	4	R	70	79	51	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R33	5	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R33	6	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R33	7	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R33	8	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R33	9	R	70	77	51	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R33	10	R	70	77	51	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R33	11	R	70	77	51	0.1	77	Yes	-	No	Yes
P	I	5	P5-32_R33	12	R	70	77	51	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R33	13	R	70	77	51	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R33	14	R	70	76	51	0.1	76	Yes	-	No	Yes
P	I	5	P5-32_R33	15	R	70	76	51	0.1	76	Yes	-	No	Yes
P	I	5	P5-32_R33	16	R	70	76	51	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R33	17	R	70	76	52	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R33	18	R	70	76	52	0.1	76	Yes	-	No	Yes
P	I	5	P5-32_R33	19	R	70	76	52	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R33	20	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R33	21	R	70	75	52	0.1	75	Yes	-	No	Yes
P	I	5	P5-32_R33	22	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R33	23	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R33	24	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R33	25	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R33	26	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R33	27	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R33	28	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R34	1	R	70	69	25	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R34	2	R	70	69	25	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R34	3	R	70	69	25	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R34	4	R	70	69	25	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R34	5	R	70	69	25	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R34	6	R	70	69	25	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R34	7	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	8	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	9	R	70	68	25	0.0	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R34	10	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	11	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	12	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	13	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	14	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	15	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	16	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R34	17	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	18	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	19	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	20	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	21	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	22	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	23	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	24	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	25	R	70	67	25	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R34	26	R	70	66	25	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R34	27	R	70	66	25	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R34	28	R	70	66	25	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	1	R	70	66	23	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	2	R	70	66	23	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	3	R	70	66	23	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	4	R	70	66	23	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	5	R	70	66	23	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	6	R	70	66	23	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R35	7	R	70	65	23	0.0	65	Yes	-	Yes	No
P	I	5	P5-32_R35	8	R	70	65	23	0.0	65	Yes	-	Yes	No
P	I	5	P5-32_R35	9	R	70	65	23	0.0	65	Yes	-	Yes	No
P	I	5	P5-32_R35	10	R	70	65	23	0.0	65	Yes	-	Yes	No
P	I	5	P5-32_R35	11	R	70	65	23	0.0	65	Yes	-	Yes	No
P	I	5	P5-32_R35	12	R	70	64	23	0.0	64	Yes	-	Yes	No
P	I	5	P5-32_R35	13	R	70	64	23	0.0	64	Yes	-	Yes	No
P	I	5	P5-32_R35	14	R	70	64	23	0.0	64	Yes	-	Yes	No
P	I	5	P5-32_R35	15	R	70	64	23	0.0	64	Yes	-	Yes	No
P	I	5	P5-32_R35	16	R	70	64	23	0.0	64	Yes	-	Yes	No
P	I	5	P5-32_R35	17	R	70	64	23	0.0	64	Yes	-	Yes	No
P	I	5	P5-32_R35	18	R	70	63	23	0.0	63	Yes	-	Yes	No
P	I	5	P5-32_R35	19	R	70	63	23	0.0	63	Yes	-	Yes	No
P	I	5	P5-32_R35	20	R	70	63	23	0.0	63	Yes	-	Yes	No
P	I	5	P5-32_R35	21	R	70	63	23	0.0	63	Yes	-	Yes	No
P	I	5	P5-32_R35	22	R	70	63	23	0.0	63	Yes	-	Yes	No
P	I	5	P5-32_R35	23	R	70	63	23	0.0	63	Yes	-	Yes	No
P	I	5	P5-32_R35	24	R	70	62	23	0.0	62	Yes	-	Yes	No
P	I	5	P5-32_R35	25	R	70	62	22	0.0	62	Yes	-	Yes	No
P	I	5	P5-32_R35	26	R	70	62	22	0.0	62	Yes	-	Yes	No
P	I	5	P5-32_R35	27	R	70	62	22	0.0	62	Yes	-	Yes	No
P	I	5	P5-32_R35	28	R	70	62	22	0.0	62	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R41	1	R	70	79	49	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R41	2	R	70	79	50	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R41	3	R	70	79	50	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R41	4	R	70	79	51	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R41	5	R	70	79	51	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R41	6	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R41	7	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R41	8	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R41	9	R	70	78	51	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R41	10	R	70	77	51	0.1	77	Yes	-	No	Yes
P	I	5	P5-32_R41	11	R	70	77	51	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R41	12	R	70	77	51	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R41	13	R	70	77	51	0.1	77	Yes	-	No	Yes
P	I	5	P5-32_R41	14	R	70	76	51	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R41	15	R	70	76	51	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R41	16	R	70	76	51	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R41	17	R	70	76	52	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R41	18	R	70	76	52	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R41	19	R	70	75	52	0.1	76	Yes	-	No	Yes
P	I	5	P5-32_R41	20	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R41	21	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R41	22	R	70	75	52	0.1	75	Yes	-	No	Yes
P	I	5	P5-32_R41	23	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R41	24	R	70	75	52	0.1	75	Yes	-	No	Yes
P	I	5	P5-32_R41	25	R	70	75	52	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R41	26	R	70	74	52	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R41	27	R	70	74	52	0.1	74	Yes	-	No	Yes
P	I	5	P5-32_R41	28	R	70	74	52	0.1	74	Yes	-	No	Yes
P	I	5	P5-32_R42	1	R	70	74	43	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	2	R	70	74	44	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	3	R	70	74	45	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	4	R	70	74	45	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	5	R	70	74	46	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	6	R	70	74	46	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	7	R	70	74	46	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R42	8	R	70	74	46	0.1	74	Yes	-	No	Yes
P	I	5	P5-32_R42	9	R	70	73	47	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R42	10	R	70	73	47	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R42	11	R	70	73	47	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R42	12	R	70	73	47	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R42	13	R	70	73	47	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R42	14	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R42	15	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R42	16	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R42	17	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R42	18	R	70	72	47	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R42	19	R	70	72	47	0.0	72	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R42	20	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R42	21	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R42	22	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R42	23	R	70	71	47	0.1	71	Yes	-	No	Yes
P	I	5	P5-32_R42	24	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R42	25	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R42	26	R	70	71	47	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R42	27	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R42	28	R	70	70	48	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	1	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	2	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	3	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	4	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	5	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	6	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	7	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	8	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	9	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	10	R	70	71	24	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R43	11	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	12	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	13	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	14	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	15	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	16	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	17	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	18	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	19	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	20	R	70	70	24	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R43	21	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	22	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	23	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	24	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	25	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	26	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	27	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R43	28	R	70	69	24	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R44	1	R	70	70	41	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R44	2	R	70	70	41	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R44	3	R	70	70	42	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R44	4	R	70	70	42	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R44	5	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R44	6	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R44	7	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R44	8	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R44	9	R	70	69	44	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R44	10	R	70	69	44	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R44	11	R	70	68	44	0.1	69	Yes	-	Yes	No
P	I	5	P5-32_R44	12	R	70	68	44	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R44	13	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R44	14	R	70	68	45	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R44	15	R	70	68	45	0.1	68	Yes	-	Yes	No
P	I	5	P5-32_R44	16	R	70	68	46	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R44	17	R	70	67	46	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R44	18	R	70	67	46	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R44	19	R	70	67	47	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R44	20	R	70	67	47	0.1	67	Yes	-	Yes	No
P	I	5	P5-32_R44	21	R	70	67	47	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R44	22	R	70	67	48	0.1	67	Yes	-	Yes	No
P	I	5	P5-32_R44	23	R	70	67	48	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R44	24	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	5	P5-32_R44	25	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	5	P5-32_R44	26	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	5	P5-32_R44	27	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	5	P5-32_R44	28	R	70	66	48	0.1	66	Yes	-	Yes	No
P	I	5	P5-32_R51	1	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R51	2	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R51	3	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R51	4	R	70	76	50	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R51	5	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R51	6	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R51	7	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R51	8	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R51	9	R	70	75	50	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R51	10	R	70	74	50	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R51	11	R	70	74	50	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R51	12	R	70	74	50	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R51	13	R	70	74	50	0.1	74	Yes	-	No	Yes
P	I	5	P5-32_R51	14	R	70	74	50	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R51	15	R	70	73	50	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	16	R	70	73	50	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	17	R	70	73	50	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	18	R	70	73	50	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	19	R	70	73	49	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	20	R	70	73	49	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	21	R	70	73	49	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R51	22	R	70	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R51	23	R	70	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R51	24	R	70	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R51	25	R	70	72	49	0.1	72	Yes	-	No	Yes
P	I	5	P5-32_R51	26	R	70	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R51	27	R	70	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R51	28	R	70	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R52	1	R	70	80	48	0.0	80	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R52	2	R	70	80	48	0.0	80	Yes	-	No	Yes
P	I	5	P5-32_R52	3	R	70	80	49	0.0	80	Yes	-	No	Yes
P	I	5	P5-32_R52	4	R	70	79	49	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R52	5	R	70	79	49	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R52	6	R	70	79	49	0.0	79	Yes	-	No	Yes
P	I	5	P5-32_R52	7	R	70	78	49	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R52	8	R	70	78	49	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R52	9	R	70	78	49	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R52	10	R	70	78	49	0.0	78	Yes	-	No	Yes
P	I	5	P5-32_R52	11	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R52	12	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R52	13	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R52	14	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R52	15	R	70	77	49	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R52	16	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R52	17	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R52	18	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R52	19	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R52	20	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R52	21	R	70	76	49	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R52	22	R	70	75	49	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R52	23	R	70	75	49	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R52	24	R	70	75	49	0.1	75	Yes	-	No	Yes
P	I	5	P5-32_R52	25	R	70	75	49	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R52	26	R	70	75	49	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R52	27	R	70	75	49	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R52	28	R	70	75	49	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	1	R	70	77	23	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R53	2	R	70	77	23	0.0	77	Yes	-	No	Yes
P	I	5	P5-32_R53	3	R	70	76	23	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R53	4	R	70	76	23	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R53	5	R	70	76	23	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R53	6	R	70	76	23	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R53	7	R	70	76	23	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R53	8	R	70	76	23	0.0	76	Yes	-	No	Yes
P	I	5	P5-32_R53	9	R	70	75	23	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	10	R	70	75	23	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	11	R	70	75	23	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	12	R	70	75	23	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	13	R	70	75	23	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	14	R	70	75	24	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R53	15	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R53	16	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R53	17	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R53	18	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R53	19	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R53	20	R	70	74	24	0.0	74	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R53	21	R	70	74	24	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R53	22	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R53	23	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R53	24	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R53	25	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R53	26	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R53	27	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R53	28	R	70	73	24	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	1	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	2	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	3	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	4	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	5	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	6	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	7	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	8	R	70	75	22	0.0	75	Yes	-	No	Yes
P	I	5	P5-32_R54	9	R	70	74	22	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	10	R	70	74	22	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	11	R	70	74	23	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	12	R	70	74	23	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	13	R	70	74	23	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	14	R	70	74	23	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	15	R	70	74	23	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	16	R	70	74	23	0.0	74	Yes	-	No	Yes
P	I	5	P5-32_R54	17	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	18	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	19	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	20	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	21	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	22	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	23	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	24	R	70	73	23	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R54	25	R	70	72	23	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R54	26	R	70	72	23	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R54	27	R	70	72	23	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R54	28	R	70	72	23	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R55	1	R	70	70	23	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R55	2	R	70	70	23	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R55	3	R	70	70	23	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R55	4	R	70	70	23	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R55	5	R	70	70	23	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R55	6	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	7	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	8	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	9	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	10	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	11	R	70	69	23	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R55	12	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	13	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	14	R	70	69	23	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R55	15	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	16	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	17	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	18	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	19	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	20	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	21	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	22	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	23	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R55	24	R	70	67	23	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R55	25	R	70	67	23	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R55	26	R	70	67	23	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R55	27	R	70	67	23	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R55	28	R	70	67	23	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R56	1	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	2	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	3	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	4	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	5	R	70	70	47	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R56	6	R	70	70	47	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R56	7	R	70	70	47	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R56	8	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	9	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	10	R	70	70	47	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R56	11	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	12	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	13	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	14	R	70	69	47	0.1	69	Yes	-	Yes	No
P	I	5	P5-32_R56	15	R	70	69	47	0.1	69	Yes	-	Yes	No
P	I	5	P5-32_R56	16	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	17	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	18	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	19	R	70	69	47	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R56	20	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R56	21	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R56	22	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R56	23	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R56	24	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-32_R56	25	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-32_R56	26	R	70	68	47	0.1	68	Yes	-	Yes	No
P	I	5	P5-32_R56	27	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R56	28	R	70	68	47	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R57	1	R	70	73	50	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R57	2	R	70	73	50	0.0	73	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R57	3	R	70	73	50	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R57	4	R	70	73	51	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R57	5	R	70	73	51	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R57	6	R	70	73	51	0.1	73	Yes	-	No	Yes
P	I	5	P5-32_R57	7	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R57	8	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R57	9	R	70	72	51	0.1	72	Yes	-	No	Yes
P	I	5	P5-32_R57	10	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R57	11	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R57	12	R	70	72	51	0.1	72	Yes	-	No	Yes
P	I	5	P5-32_R57	13	R	70	71	51	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R57	14	R	70	71	51	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R57	15	R	70	71	51	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R57	16	R	70	71	51	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R57	17	R	70	71	51	0.1	71	Yes	-	No	Yes
P	I	5	P5-32_R57	18	R	70	71	51	0.1	71	Yes	-	No	Yes
P	I	5	P5-32_R57	19	R	70	71	50	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R57	20	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R57	21	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R57	22	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R57	23	R	70	70	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R57	24	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R57	25	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R57	26	R	70	70	50	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R57	27	R	70	69	50	0.1	70	Yes	-	Yes	No
P	I	5	P5-32_R57	28	R	70	69	50	0.1	69	Yes	-	Yes	No
P	I	5	P5-32_R61	1	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	2	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	3	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	4	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	5	R	70	73	43	0.1	73	Yes	-	No	Yes
P	I	5	P5-32_R61	6	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	7	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	8	R	70	73	43	0.0	73	Yes	-	No	Yes
P	I	5	P5-32_R61	9	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	10	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	11	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	12	R	70	72	43	0.1	72	Yes	-	No	Yes
P	I	5	P5-32_R61	13	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	14	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	15	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	16	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	17	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	18	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	19	R	70	72	43	0.0	72	Yes	-	No	Yes
P	I	5	P5-32_R61	20	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	21	R	70	71	43	0.0	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R61	22	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	23	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	24	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	25	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	26	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	27	R	70	71	43	0.0	71	Yes	-	No	Yes
P	I	5	P5-32_R61	28	R	70	71	43	0.1	71	Yes	-	No	Yes
P	I	5	P5-32_R62	1	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	2	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	3	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	4	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	5	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	6	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	7	R	70	69	9	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	8	R	70	69	10	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R62	9	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	10	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	11	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	12	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	13	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	14	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	15	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	16	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	17	R	70	68	10	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R62	18	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	19	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	20	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	21	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	22	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	23	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	24	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	25	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	26	R	70	67	10	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R62	27	R	70	66	10	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R62	28	R	70	66	10	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R71	1	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	2	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	3	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	4	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	5	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	6	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	7	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	8	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	9	R	70	70	21	0.0	70	Yes	-	Yes	No
P	I	5	P5-32_R71	10	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	11	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	12	R	70	69	21	0.0	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R71	13	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	14	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	15	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	16	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	17	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	18	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	19	R	70	69	21	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R71	20	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	21	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	22	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	23	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	24	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	25	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	26	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	27	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R71	28	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	1	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R72	2	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R72	3	R	70	69	0	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R72	4	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	5	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	6	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	7	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	8	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	9	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	10	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	11	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	12	R	70	68	0	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R72	13	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	14	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	15	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	16	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	17	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	18	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	19	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	20	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	21	R	70	67	0	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R72	22	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R72	23	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R72	24	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R72	25	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R72	26	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R72	27	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R72	28	R	70	66	0	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	1	R	70	69	17	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R81	2	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	3	R	70	68	17	0.0	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R81	4	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	5	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	6	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	7	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	8	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	9	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	10	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	11	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	12	R	70	68	17	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R81	13	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	14	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	15	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	16	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	17	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	18	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	19	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	20	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	21	R	70	67	17	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R81	22	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	23	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	24	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	25	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	26	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	27	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R81	28	R	70	66	17	0.0	66	Yes	-	Yes	No
P	I	5	P5-32_R82	1	R	70	69	17	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R82	2	R	70	69	18	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R82	3	R	70	69	18	0.0	69	Yes	-	Yes	No
P	I	5	P5-32_R82	4	R	70	68	19	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	5	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	6	R	70	68	20	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	7	R	70	68	21	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	8	R	70	68	22	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	9	R	70	68	22	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	10	R	70	68	23	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	11	R	70	68	24	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	12	R	70	68	24	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	13	R	70	68	25	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	14	R	70	68	26	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	15	R	70	68	26	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	16	R	70	68	27	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	17	R	70	68	28	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	18	R	70	68	29	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	19	R	70	68	29	0.0	68	Yes	-	Yes	No
P	I	5	P5-32_R82	20	R	70	67	30	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	21	R	70	67	31	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	22	R	70	67	33	0.0	67	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-32_R82	23	R	70	67	34	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	24	R	70	67	35	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	25	R	70	67	36	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	26	R	70	67	38	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	27	R	70	67	39	0.0	67	Yes	-	Yes	No
P	I	5	P5-32_R82	28	R	70	67	39	0.1	67	Yes	-	Yes	No
P	I	5	P5-34_E01	1	E	65	68	66	2.3	70	No	-	No	Yes
P	I	5	P5-34_E01	2	E	65	69	67	2.4	71	No	-	No	Yes
P	I	5	P5-34_E01	3	E	65	69	68	2.5	71	No	-	No	Yes
P	I	5	P5-34_E01	4	E	65	68	68	2.7	71	No	-	No	Yes
P	I	5	P5-34_E01	5	E	65	68	68	2.7	71	No	-	No	Yes
P	I	5	P5-34_E01	6	E	65	68	67	2.8	71	No	-	No	Yes
P	I	5	P5-34_E01	7	E	65	68	67	2.8	70	No	-	No	Yes
P	I	5	P5-34_E01	8	E	65	67	67	2.8	70	No	-	No	Yes
P	I	5	P5-34_E02	1	E	65	72	56	0.1	73	Yes	-	No	Yes
P	I	5	P5-34_E02	2	E	65	73	57	0.1	73	Yes	-	No	Yes
P	I	5	P5-34_E02	3	E	65	72	57	0.2	72	Yes	-	No	Yes
P	I	5	P5-34_E02	4	E	65	71	57	0.2	72	Yes	-	No	Yes
P	I	5	P5-34_E02	5	E	65	71	57	0.2	71	Yes	-	No	Yes
P	I	5	P5-34_E02	6	E	65	70	57	0.3	70	Yes	-	No	Yes
P	I	5	P5-34_E02	7	E	65	70	57	0.3	70	Yes	-	No	Yes
P	I	5	P5-34_E02	8	E	65	69	57	0.3	69	Yes	-	No	Yes
P	I	5	P5-34_E03	1	E	65	60	65	6.2	66	Yes	-	No	Yes
P	I	5	P5-34_E03	2	E	65	62	67	6.3	68	No	-	No	Yes
P	I	5	P5-34_E03	3	E	65	62	67	6.3	68	No	-	No	Yes
P	I	5	P5-34_E03	4	E	65	62	67	6.5	68	No	-	No	Yes
P	I	5	P5-34_E03	5	E	65	62	67	6.4	68	No	-	No	Yes
P	I	5	P5-34_E03	6	E	65	62	67	6.3	68	No	-	No	Yes
P	I	5	P5-34_E03	7	E	65	62	67	6.2	68	No	-	No	Yes
P	I	5	P5-34_E03	8	E	65	62	67	6.2	68	No	-	No	Yes
P	I	5	P5-34_E04	1	E	65	52	63	11.2	63	Yes	-	Yes	No
P	I	5	P5-34_E04	2	E	65	55	65	10.5	65	Yes	-	Yes	No
P	I	5	P5-34_E04	3	E	65	55	65	10.2	66	Yes	-	No	Yes
P	I	5	P5-34_E04	4	E	65	56	65	10.0	66	Yes	-	No	Yes
P	I	5	P5-34_E04	5	E	65	56	65	9.8	66	Yes	-	No	Yes
P	I	5	P5-34_E04	6	E	65	56	65	9.6	66	Yes	-	No	Yes
P	I	5	P5-34_E04	7	E	65	56	65	9.2	66	Yes	-	No	Yes
P	I	5	P5-34_E04	8	E	65	57	65	8.9	66	Yes	-	No	Yes
P	I	5	P5-34_E05	1	E	65	68	42	0.1	68	Yes	-	No	Yes
P	I	5	P5-34_E05	2	E	65	69	44	0.0	69	Yes	-	No	Yes
P	I	5	P5-34_E05	3	E	65	68	46	0.1	69	Yes	-	No	Yes
P	I	5	P5-34_E05	4	E	65	68	46	0.0	68	Yes	-	No	Yes
P	I	5	P5-34_E05	5	E	65	67	47	0.0	67	Yes	-	No	Yes
P	I	5	P5-34_E05	6	E	65	66	47	0.1	66	Yes	-	No	Yes
P	I	5	P5-34_E05	7	E	65	66	48	0.0	66	Yes	-	No	Yes
P	I	5	P5-34_E05	8	E	65	65	48	0.1	65	Yes	-	Yes	No
P	I	5	P5-34_E11	1	E	65	71	42	0.0	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-34_E11	2	E	65	72	44	0.0	72	Yes	-	No	Yes
P	I	5	P5-34_E11	3	E	65	71	45	0.0	71	Yes	-	No	Yes
P	I	5	P5-34_E11	4	E	65	70	45	0.0	70	Yes	-	No	Yes
P	I	5	P5-34_E11	5	E	65	70	45	0.0	70	Yes	-	No	Yes
P	I	5	P5-34_E11	6	E	65	69	45	0.1	69	Yes	-	No	Yes
P	I	5	P5-34_E11	7	E	65	68	45	0.0	68	Yes	-	No	Yes
P	I	5	P5-34_E11	8	E	65	68	45	0.0	68	Yes	-	No	Yes
P	I	5	P5-34_E13	1	E	65	60	14	0.0	60	Yes	-	Yes	No
P	I	5	P5-34_E13	2	E	65	61	14	0.0	61	Yes	-	Yes	No
P	I	5	P5-34_E13	3	E	65	62	14	0.0	62	Yes	-	Yes	No
P	I	5	P5-34_E13	4	E	65	62	14	0.0	62	Yes	-	Yes	No
P	I	5	P5-34_E13	5	E	65	62	14	0.0	62	Yes	-	Yes	No
P	I	5	P5-34_E13	6	E	65	62	14	0.0	62	Yes	-	Yes	No
P	I	5	P5-34_E13	7	E	65	62	14	0.0	62	Yes	-	Yes	No
P	I	5	P5-34_E13	8	E	65	61	14	0.0	61	Yes	-	Yes	No
P	I	5	P5-34_E14	1	E	65	62	38	0.0	62	Yes	-	Yes	No
P	I	5	P5-34_E14	2	E	65	64	40	0.0	64	Yes	-	Yes	No
P	I	5	P5-34_E14	3	E	65	65	43	0.0	65	Yes	-	Yes	No
P	I	5	P5-34_E14	4	E	65	65	47	0.1	65	Yes	-	Yes	No
P	I	5	P5-34_E14	5	E	65	65	50	0.2	65	Yes	-	Yes	No
P	I	5	P5-34_E14	6	E	65	65	51	0.2	65	Yes	-	Yes	No
P	I	5	P5-34_E14	7	E	65	64	51	0.2	65	Yes	-	Yes	No
P	I	5	P5-34_E14	8	E	65	64	51	0.2	64	Yes	-	Yes	No
P	I	5	P5-34_R12	1	R	70	63	28	0.0	63	Yes	-	Yes	No
P	I	5	P5-34_R12	2	R	70	65	28	0.0	65	Yes	-	Yes	No
P	I	5	P5-34_R12	3	R	70	65	29	0.0	65	Yes	-	Yes	No
P	I	5	P5-34_R12	4	R	70	65	29	0.0	65	Yes	-	Yes	No
P	I	5	P5-34_R12	5	R	70	65	30	0.0	65	Yes	-	Yes	No
P	I	5	P5-34_R12	6	R	70	64	31	0.0	64	Yes	-	Yes	No
P	I	5	P5-34_R12	7	R	70	64	32	0.0	64	Yes	-	Yes	No
P	I	5	P5-34_R12	8	R	70	64	34	0.0	64	Yes	-	Yes	No
P	I	5	P5-37_E01	1	E	65	74	18	0.0	74	Yes	-	No	Yes
P	I	5	P5-37_E01	2	E	65	74	18	0.0	74	Yes	-	No	Yes
P	I	5	P5-37_E01	3	E	65	73	18	0.0	73	Yes	-	No	Yes
P	I	5	P5-37_E01	4	E	65	72	18	0.0	72	Yes	-	No	Yes
P	I	5	P5-37_E01	5	E	65	71	18	0.0	71	Yes	-	No	Yes
P	I	5	P5-37_E01	6	E	65	71	18	0.0	71	Yes	-	No	Yes
P	I	5	P5-37_E01	7	E	65	71	18	0.0	71	Yes	-	No	Yes
P	I	5	P5-37_E01	8	E	65	70	18	0.0	70	Yes	-	No	Yes
P	I	5	P5-37_E02	1	E	65	73	40	0.0	73	Yes	-	No	Yes
P	I	5	P5-37_E02	2	E	65	73	44	0.1	73	Yes	-	No	Yes
P	I	5	P5-37_E02	3	E	65	73	46	0.0	73	Yes	-	No	Yes
P	I	5	P5-37_E02	4	E	65	73	47	0.0	73	Yes	-	No	Yes
P	I	5	P5-37_E02	5	E	65	72	48	0.0	72	Yes	-	No	Yes
P	I	5	P5-37_E02	6	E	65	72	49	0.1	72	Yes	-	No	Yes
P	I	5	P5-37_E02	7	E	65	72	49	0.0	72	Yes	-	No	Yes
P	I	5	P5-37_E02	8	E	65	71	50	0.0	71	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07a_R01	1	R	70	64	56	0.6	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	2	R	70	65	59	1.0	66	Yes	-	Yes	No
P	I	5	P5-07a_R01	3	R	70	65	59	1.1	66	Yes	-	Yes	No
P	I	5	P5-07a_R01	4	R	70	65	59	1.1	66	Yes	-	Yes	No
P	I	5	P5-07a_R01	5	R	70	65	59	1.1	66	Yes	-	Yes	No
P	I	5	P5-07a_R01	6	R	70	64	59	1.1	66	Yes	-	Yes	No
P	I	5	P5-07a_R01	7	R	70	64	59	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	8	R	70	64	59	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	9	R	70	64	59	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	10	R	70	64	59	1.2	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	11	R	70	64	59	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	12	R	70	64	58	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	13	R	70	64	58	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	14	R	70	64	58	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	15	R	70	63	58	1.1	65	Yes	-	Yes	No
P	I	5	P5-07a_R01	16	R	70	63	58	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	17	R	70	63	58	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	18	R	70	63	58	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	19	R	70	63	58	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	20	R	70	63	58	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	21	R	70	63	58	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	22	R	70	63	57	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	23	R	70	63	57	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	24	R	70	63	57	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	25	R	70	63	57	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	26	R	70	62	57	1.1	64	Yes	-	Yes	No
P	I	5	P5-07a_R01	27	R	70	62	57	1.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R01	28	R	70	62	57	1.2	63	Yes	-	Yes	No
P	I	5	P5-07a_R01	29	R	70	62	57	1.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R01	30	R	70	62	57	1.0	63	Yes	-	Yes	No
P	I	5	P5-07a_R01	31	R	70	62	57	1.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R02	1	R	70	65	63	2.0	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	2	R	70	65	65	3.1	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	3	R	70	65	66	3.6	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	4	R	70	65	67	4.0	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	5	R	70	65	67	4.3	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	6	R	70	65	67	4.3	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	7	R	70	65	67	4.5	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	8	R	70	64	67	4.6	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	9	R	70	64	67	4.6	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	10	R	70	64	67	4.5	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	11	R	70	64	67	4.5	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	12	R	70	64	67	4.6	69	Yes	-	Yes	No
P	I	5	P5-07a_R02	13	R	70	64	67	4.6	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	14	R	70	64	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	15	R	70	64	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	16	R	70	64	66	4.5	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07a_R02	17	R	70	63	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	18	R	70	63	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	19	R	70	63	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	20	R	70	63	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	21	R	70	63	66	4.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R02	22	R	70	63	65	4.5	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	23	R	70	63	65	4.5	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	24	R	70	63	65	4.4	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	25	R	70	63	65	4.3	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	26	R	70	63	65	4.4	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	27	R	70	63	65	4.3	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	28	R	70	62	65	4.4	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	29	R	70	62	65	4.3	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	30	R	70	62	65	4.2	67	Yes	-	Yes	No
P	I	5	P5-07a_R02	31	R	70	62	64	4.2	67	Yes	-	Yes	No
P	I	5	P5-07a_R03	1	R	70	27	55	28.7	55	Yes	-	Yes	No
P	I	5	P5-07a_R03	2	R	70	27	56	29.0	56	Yes	-	Yes	No
P	I	5	P5-07a_R03	3	R	70	27	56	29.2	56	Yes	-	Yes	No
P	I	5	P5-07a_R03	4	R	70	27	56	29.6	56	Yes	-	Yes	No
P	I	5	P5-07a_R03	5	R	70	27	57	30.1	57	Yes	-	Yes	No
P	I	5	P5-07a_R03	6	R	70	27	58	30.6	58	Yes	-	Yes	No
P	I	5	P5-07a_R03	7	R	70	27	58	31.3	58	Yes	-	Yes	No
P	I	5	P5-07a_R03	8	R	70	27	59	32.2	59	Yes	-	Yes	No
P	I	5	P5-07a_R03	9	R	70	27	60	33.2	60	Yes	-	Yes	No
P	I	5	P5-07a_R03	10	R	70	27	62	34.3	62	Yes	-	Yes	No
P	I	5	P5-07a_R03	11	R	70	27	63	35.2	63	Yes	-	Yes	No
P	I	5	P5-07a_R03	12	R	70	28	63	35.9	63	Yes	-	Yes	No
P	I	5	P5-07a_R03	13	R	70	28	64	36.5	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	14	R	70	28	65	37.0	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	15	R	70	28	65	37.2	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	16	R	70	28	65	37.2	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	17	R	70	28	65	37.0	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	18	R	70	28	65	36.9	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	19	R	70	28	65	36.8	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	20	R	70	28	65	36.6	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	21	R	70	29	65	36.4	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	22	R	70	29	65	36.2	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	23	R	70	29	65	36.0	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	24	R	70	29	65	35.8	65	Yes	-	Yes	No
P	I	5	P5-07a_R03	25	R	70	29	64	35.5	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	26	R	70	29	64	35.3	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	27	R	70	29	64	34.9	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	28	R	70	29	64	34.8	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	29	R	70	30	64	34.5	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	30	R	70	30	64	34.2	64	Yes	-	Yes	No
P	I	5	P5-07a_R03	31	R	70	30	64	34.0	64	Yes	-	Yes	No
P	I	5	P5-07a_R11	1	R	70	62	39	0.0	62	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07a_R11	2	R	70	63	42	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	3	R	70	63	45	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	4	R	70	63	46	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	5	R	70	63	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	6	R	70	63	47	0.2	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	7	R	70	63	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	8	R	70	63	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	9	R	70	63	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	10	R	70	62	47	0.2	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	11	R	70	62	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	12	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	13	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	14	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	15	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	16	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	17	R	70	62	47	0.2	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	18	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	19	R	70	62	47	0.2	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	20	R	70	62	47	0.2	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	21	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	22	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	23	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	24	R	70	62	47	0.2	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	25	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	26	R	70	62	47	0.2	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	27	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	28	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	29	R	70	62	47	0.1	62	Yes	-	Yes	No
P	I	5	P5-07a_R11	30	R	70	63	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R11	31	R	70	63	47	0.1	63	Yes	-	Yes	No
P	I	5	P5-07a_R21	1	R	70	27	69	41.8	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	2	R	70	27	70	43.6	70	Yes	-	Yes	No
P	I	5	P5-07a_R21	3	R	70	27	71	44.0	71	No	-	No	Yes
P	I	5	P5-07a_R21	4	R	70	27	71	44.0	71	No	-	No	Yes
P	I	5	P5-07a_R21	5	R	70	26	70	43.9	70	Yes	-	Yes	No
P	I	5	P5-07a_R21	6	R	70	26	70	43.7	70	Yes	-	Yes	No
P	I	5	P5-07a_R21	7	R	70	26	70	43.6	70	Yes	-	Yes	No
P	I	5	P5-07a_R21	8	R	70	26	70	43.5	70	Yes	-	Yes	No
P	I	5	P5-07a_R21	9	R	70	26	70	43.3	70	Yes	-	Yes	No
P	I	5	P5-07a_R21	10	R	70	26	69	43.3	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	11	R	70	26	69	43.2	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	12	R	70	26	69	43.2	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	13	R	70	26	69	43.1	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	14	R	70	26	69	43.1	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	15	R	70	26	69	43.0	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	16	R	70	26	69	43.0	69	Yes	-	Yes	No
P	I	5	P5-07a_R21	17	R	70	26	69	42.8	69	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07a_R21	18	R	70	26	68	42.8	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	19	R	70	26	68	42.7	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	20	R	70	26	68	42.6	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	21	R	70	25	68	42.6	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	22	R	70	25	68	42.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	23	R	70	25	68	42.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	24	R	70	25	68	42.5	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	25	R	70	25	68	42.3	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	26	R	70	25	68	42.4	68	Yes	-	Yes	No
P	I	5	P5-07a_R21	27	R	70	25	67	42.3	67	Yes	-	Yes	No
P	I	5	P5-07a_R21	28	R	70	25	67	42.3	67	Yes	-	Yes	No
P	I	5	P5-07a_R21	29	R	70	25	67	42.1	67	Yes	-	Yes	No
P	I	5	P5-07a_R21	30	R	70	25	67	42.1	67	Yes	-	Yes	No
P	I	5	P5-07a_R21	31	R	70	25	67	42.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	1	R	70	69	37	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	2	R	70	69	39	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	3	R	70	69	40	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	4	R	70	69	41	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	5	R	70	69	42	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	6	R	70	69	42	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	7	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	8	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	9	R	70	69	43	0.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R01	10	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	11	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	12	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	13	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	14	R	70	68	43	0.1	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	15	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	16	R	70	68	43	0.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R01	17	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	18	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	19	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	20	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	21	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	22	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	23	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	24	R	70	67	43	0.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R01	25	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R01	26	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R01	27	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R01	28	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R01	29	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R01	30	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R01	31	R	70	66	43	0.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R02	1	R	70	72	47	0.1	73	Yes	-	No	Yes
P	I	5	P5-07b_R02	2	R	70	72	50	0.1	72	Yes	-	No	Yes

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07b_R02	3	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	5	P5-07b_R02	4	R	70	72	51	0.0	72	Yes	-	No	Yes
P	I	5	P5-07b_R02	5	R	70	72	51	0.1	72	Yes	-	No	Yes
P	I	5	P5-07b_R02	6	R	70	71	51	0.0	71	Yes	-	No	Yes
P	I	5	P5-07b_R02	7	R	70	71	51	0.1	71	Yes	-	No	Yes
P	I	5	P5-07b_R02	8	R	70	71	51	0.1	71	Yes	-	No	Yes
P	I	5	P5-07b_R02	9	R	70	71	51	0.1	71	Yes	-	No	Yes
P	I	5	P5-07b_R02	10	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	5	P5-07b_R02	11	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	5	P5-07b_R02	12	R	70	70	52	0.0	70	Yes	-	Yes	No
P	I	5	P5-07b_R02	13	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	5	P5-07b_R02	14	R	70	70	53	0.1	70	Yes	-	Yes	No
P	I	5	P5-07b_R02	15	R	70	69	53	0.1	70	Yes	-	Yes	No
P	I	5	P5-07b_R02	16	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	17	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	18	R	70	69	53	0.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	19	R	70	69	54	0.2	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	20	R	70	69	54	0.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	21	R	70	69	54	0.2	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	22	R	70	68	54	0.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R02	23	R	70	68	54	0.1	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	24	R	70	68	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	25	R	70	68	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	26	R	70	68	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	27	R	70	68	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	28	R	70	68	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	29	R	70	68	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	30	R	70	67	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R02	31	R	70	67	54	0.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	1	R	70	64	64	2.9	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	2	R	70	65	66	3.7	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	3	R	70	66	66	3.3	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	4	R	70	66	66	3.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	5	R	70	66	66	2.9	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	6	R	70	66	66	2.7	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	7	R	70	67	66	2.5	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	8	R	70	67	65	2.3	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	9	R	70	67	65	2.2	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	10	R	70	67	65	2.1	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	11	R	70	67	65	2.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	12	R	70	67	64	2.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	13	R	70	67	64	2.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	14	R	70	67	64	2.0	69	Yes	-	Yes	No
P	I	5	P5-07b_R11	15	R	70	66	64	1.9	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	16	R	70	66	64	1.9	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	17	R	70	66	64	1.8	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	18	R	70	66	63	1.9	68	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07b_R11	19	R	70	66	63	1.9	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	20	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	21	R	70	66	63	1.8	68	Yes	-	Yes	No
P	I	5	P5-07b_R11	22	R	70	66	63	1.9	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	23	R	70	65	63	1.8	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	24	R	70	65	63	1.8	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	25	R	70	65	62	1.9	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	26	R	70	65	62	1.8	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	27	R	70	65	62	1.8	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	28	R	70	65	62	1.8	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	29	R	70	65	62	1.8	67	Yes	-	Yes	No
P	I	5	P5-07b_R11	30	R	70	65	62	1.8	66	Yes	-	Yes	No
P	I	5	P5-07b_R11	31	R	70	65	62	1.8	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	1	R	70	62	63	3.7	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	2	R	70	62	67	5.9	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	3	R	70	62	69	7.3	69	Yes	-	Yes	No
P	I	5	P5-07b_R12	4	R	70	62	69	8.0	70	Yes	-	Yes	No
P	I	5	P5-07b_R12	5	R	70	62	69	8.2	70	Yes	-	Yes	No
P	I	5	P5-07b_R12	6	R	70	61	69	8.4	70	Yes	-	Yes	No
P	I	5	P5-07b_R12	7	R	70	61	69	8.4	70	Yes	-	Yes	No
P	I	5	P5-07b_R12	8	R	70	61	69	8.4	69	Yes	-	Yes	No
P	I	5	P5-07b_R12	9	R	70	61	68	8.3	69	Yes	-	Yes	No
P	I	5	P5-07b_R12	10	R	70	61	68	8.3	69	Yes	-	Yes	No
P	I	5	P5-07b_R12	11	R	70	60	68	8.3	69	Yes	-	Yes	No
P	I	5	P5-07b_R12	12	R	70	60	68	8.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	13	R	70	60	68	8.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	14	R	70	60	67	8.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	15	R	70	60	67	8.2	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	16	R	70	60	67	8.1	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	17	R	70	60	67	8.0	68	Yes	-	Yes	No
P	I	5	P5-07b_R12	18	R	70	59	67	8.1	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	19	R	70	59	67	8.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	20	R	70	59	66	8.1	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	21	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	22	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	23	R	70	59	66	8.1	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	24	R	70	59	66	8.0	67	Yes	-	Yes	No
P	I	5	P5-07b_R12	25	R	70	58	66	8.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	26	R	70	58	66	8.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	27	R	70	58	65	7.9	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	28	R	70	58	65	7.9	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	29	R	70	58	65	8.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	30	R	70	58	65	8.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R12	31	R	70	58	65	8.0	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	1	R	70	37	60	22.9	60	Yes	-	Yes	No
P	I	5	P5-07b_R21	2	R	70	51	63	11.6	63	Yes	-	Yes	No
P	I	5	P5-07b_R21	3	R	70	38	62	24.1	62	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning

Appendix 4.7.3 Detailed Results of Road Traffic Noise Assessment (Unmitigated Scenario)

Unmitigated Scenario (Year 2048)

Existing [E]/ Planned [P]/ Committed by Other Project [O]	Inside [I] / Outside [O] HSK NDA	DCA	NAP	Floor	Uses [1]	Criteria, L10 (1-hr), dB(A)	Predicted Noise Level, L10 (1-hr), dB(A)				Compliance to the Criteria			Mitigation Measures Required
							Unmitigated Scenario				Project Road	Project Road Contribution	Overall Noise Level	
							Other Road	Project Road	Project Road Contribution	Overall Noise Level				
P	I	5	P5-07b_R21	4	R	70	51	62	11.4	63	Yes	-	Yes	No
P	I	5	P5-07b_R21	5	R	70	38	64	26.0	64	Yes	-	Yes	No
P	I	5	P5-07b_R21	6	R	70	51	62	11.4	63	Yes	-	Yes	No
P	I	5	P5-07b_R21	7	R	70	39	65	26.1	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	8	R	70	51	62	11.3	63	Yes	-	Yes	No
P	I	5	P5-07b_R21	9	R	70	39	65	25.7	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	10	R	70	40	65	24.9	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	11	R	70	41	65	23.9	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	12	R	70	42	65	22.8	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	13	R	70	44	65	21.6	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	14	R	70	45	66	20.3	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	15	R	70	47	66	19.5	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	16	R	70	47	66	19.2	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	17	R	70	48	66	18.9	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	18	R	70	48	66	18.6	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	19	R	70	48	66	18.4	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	20	R	70	48	66	18.1	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	21	R	70	49	66	17.6	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	22	R	70	49	66	17.2	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	23	R	70	49	66	16.9	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	24	R	70	50	66	16.3	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	25	R	70	50	66	15.7	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	26	R	70	51	66	15.3	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	27	R	70	51	66	14.9	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	28	R	70	51	65	14.7	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	29	R	70	51	65	14.5	66	Yes	-	Yes	No
P	I	5	P5-07b_R21	30	R	70	51	65	14.1	65	Yes	-	Yes	No
P	I	5	P5-07b_R21	31	R	70	51	65	13.9	65	Yes	-	Yes	No

Remarks:

[1] R = Residential; E = Educational; C = Place of Worship

[2] AW = Acoustic Windows with 5dB(A) noise reduction; BF = Blank Façade; AC = Noise Insulation Windows Air Conditioning