

Annex C8

## Designated Project Analysis

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Predicted Road Traffic Noise Levels With and Without the Project for Year 2026

NSR	Floor	Assessment Level in mPD	Noise Criteria, dB(A)	Predicted Façade Noise Levels, L <sub>10,1 hour</sub> dB(A)				Noise Contribution due to the Project Without Mitigation <sup>(a)</sup> , dB(A)
				Without the Project	With the Project (Without Mitigation)			
					New Roads	Existing Roads	Overall	
WUT1	G/F	5.4	70	66.5	42.1	66.4	66.5	0.0
	1/F	8.2	70	69.1	45.3	69.0	69.0	-0.1
	2/F	11	70	73.5	51.6	73.2	73.3	-0.2
STNV1	G/F	5.4	70	67.0	43.6	66.9	66.9	-0.1
	1/F	8.2	70	70.5	46.7	70.3	70.4	-0.1
JCCA1	G/F <sup>(b)</sup>	6.4	-	-	-	-	-	-
	1/F	9.4	55	72.4	51.1	73.1	73.2	0.8
	2/F	12.4	55	73.3	51.6	74.0	74.0	0.7
	3/F	15.4	55	74.2	52.3	74.8	74.9	0.7
	4/F	18.4	55	74.9	52.9	75.6	75.7	0.8
	5/F	21.4	55	75.5	53.4	76.2	76.2	0.7
JCCAH2	G/F <sup>(b)</sup>	6.4	-	-	-	-	-	-
	1/F	9.4	55	76.9	50.2	77.4	77.3	0.4
	2/F	12.4	55	77.7	50.9	78.2	78.2	0.5
	3/F	15.4	55	78.3	51.4	78.9	78.9	0.6
	4/F	18.4	55	78.8	52.0	79.4	79.3	0.5
	5/F	21.4	55	79.0	52.5	79.6	79.5	0.5
V1	G/F	6.1	70	68.6	53.5	68.3	68.4	-0.2
	1/F	8.6	70	69.7	54.9	69.4	69.5	-0.2
V2	G/F	5.7	70	69.9	48.9	69.2	69.3	-0.6
	1/F	8.2	70	71.2	49.7	70.4	70.5	-0.7
V3	G/F	8.1	70	68.1	51.1	68.0	68.1	0.0
	1/F	10.6	70	71.0	54.4	70.9	71.0	0.0
V4	G/F	8.9	70	69.4	55.5	69.2	69.4	0.0
	1/F	11.4	70	70.5	56.4	70.3	70.5	0.0
V5	G/F	9.3	70	69.0	55.9	68.9	69.1	0.1
	1/F	11.8	70	70.0	56.8	70.0	70.1	0.1
	2/F	14.3	70	71.0	57.7	70.9	71.1	0.1
	3/F	16.8	70	71.9	58.3	71.8	71.9	0.0
V6	G/F	6.8	70	67.3	55.6	66.8	67.1	-0.2
	1/F	9.3	70	67.8	56.0	67.4	67.7	-0.1
	2/F	11.8	70	68.3	56.5	67.9	68.2	-0.1
YT1	G/F	11.5	70	66.5	57.6	65.9	66.5	0.0
	5/F	26.5	70	69.1	59.9	68.5	69.0	-0.1
	10/F	41.5	70	71.7	61.4	71.3	71.7	-0.1
	15/F	56.5	70	73.2	62.5	72.9	73.3	0.0
	20/F	71.5	70	74.2	63.1	73.9	74.3	0.0
	25/F	86.5	70	74.7	63.5	74.5	74.8	0.1
	30/F	101.5	70	75.0	63.7	74.8	75.0	0.0
	35/F	116.5	70	75.1	63.7	74.9	75.3	0.1
YT2	G/F	11.5	70	66.7	58.4	66.0	66.7	0.0
	5/F	26.5	70	69.0	60.9	68.3	69.0	0.0
	10/F	41.5	70	71.2	62.1	70.7	71.3	0.1
	15/F	56.5	70	72.9	63.0	72.5	72.9	0.0
	20/F	71.5	70	74.0	63.5	73.6	74.0	0.0
	25/F	86.5	70	74.5	63.7	74.2	74.5	0.0
	30/F	101.5	70	74.8	63.8	74.5	74.8	0.0
	35/F	116.5	70	74.9	63.8	74.6	75.0	0.0
YT3	G/F	11.5	70	67.4	58.7	66.7	67.3	-0.1
	5/F	26.5	70	69.7	61.3	69.1	69.7	0.0
	10/F	41.5	70	71.7	62.4	71.2	71.8	0.1
	15/F	56.5	70	73.2	63.1	72.8	73.3	0.1
	20/F	71.5	70	74.2	63.5	73.8	74.2	0.0
	25/F	86.5	70	74.7	63.6	74.4	74.8	0.0
	30/F	101.5	70	75.0	63.7	74.6	75.0	0.0
	35/F	116.5	70	75.1	63.6	74.7	75.1	0.0
KMYLS1	G/F	6.8	65	69.4	56.4	67.6	67.9	-1.5
	1/F	9.8	65	72.0	57.7	69.9	70.1	-1.8
	2/F	12.8	65	73.7	58.9	71.5	71.7	-1.9
	3/F	15.8	65	74.4	60.1	72.2	72.4	-1.9
	4/F	18.8	65	74.6	62.1	72.7	73.1	-1.5
KMYLS2	G/F	6.8	65	67.5	58.0	66.5	67.0	-0.5
	1/F	9.8	65	69.3	59.9	68.1	68.7	-0.6
	2/F	12.8	65	71.0	62.0	69.7	70.4	-0.6
	3/F	15.8	65	71.8	63.1	70.6	71.3	-0.5
	4/F	18.8	65	72.4	64.1	71.2	72.0	-0.4

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NSR	Floor	Assessment Level in mPD	Noise Criteria, dB(A)	Predicted Façade Noise Levels, L <sub>10,1 hour</sub> dB(A)			Noise Contribution due to the Project Without Mitigation <sup>(a)</sup> , dB(A)	
				Without the Project	With the Project (Without Mitigation)			
					New Roads	Existing Roads		Overall
ND1	1/F	41.6	70	76.1	59.8	76.1	76.1	0.0
	6/F	56.6	70	76.4	61.9	76.3	76.5	0.1
	11/F	71.6	70	76.6	62.8	76.6	76.7	0.1
	16/F	86.6	70	76.6	63.2	76.6	76.8	0.2
	21/F	101.6	70	76.7	63.4	76.6	76.8	0.1
	26/F	116.6	70	76.6	63.3	76.5	76.7	0.2
	31/F	131.6	70	76.5	63.3	76.4	76.6	0.1
	36/F	146.6	70	76.3	63.2	76.2	76.4	0.1
	41/F	161.6	70	76.2	63.0	76.0	76.3	0.1
	46/F	176.6	70	76.0	62.8	75.9	76.1	0.1
ND2	1/F	37.6	70	82.5	70.3	82.1	82.4	0.0
	6/F	52.6	70	82.2	69.6	82.1	82.3	0.0
	11/F	67.6	70	81.7	68.7	81.5	81.7	0.0
	16/F	82.6	70	81.1	67.8	80.9	81.2	0.0
	21/F	97.6	70	80.5	67.1	80.4	80.6	0.0
	26/F	112.6	70	80.0	66.5	79.9	80.0	0.0
	31/F	127.6	70	79.6	65.9	79.4	79.6	0.0
	36/F	142.6	70	79.2	65.4	79.0	79.2	0.0
	41/F	157.6	70	78.8	65.0	78.6	78.8	0.0
	46/F	172.6	70	78.4	64.6	78.2	78.4	0.0
ND3	1/F	37.6	70	82.2	68.8	82.1	82.3	0.1
	6/F	52.6	70	82.2	68.6	82.1	82.3	0.1
	11/F	67.6	70	81.6	67.9	81.6	81.8	0.2
	16/F	82.6	70	81.1	67.3	81.0	81.2	0.1
	21/F	97.6	70	80.5	66.7	80.5	80.6	0.1
	26/F	112.6	70	80.1	66.1	80.0	80.2	0.1
	31/F	127.6	70	79.6	65.6	79.6	79.7	0.1
	36/F	142.6	70	79.2	65.1	79.2	79.3	0.1
	41/F	157.6	70	78.8	64.6	78.8	78.9	0.1
	46/F	172.6	70	78.4	64.2	78.4	78.6	0.2
PS1	G/F	6.7	65	68.7	61.2	67.4	68.4	-0.3
	1/F	9.7	65	69.7	62.5	68.4	69.4	-0.3
	2/F	12.7	65	70.9	64.2	69.6	70.7	-0.2
	3/F	15.7	65	71.8	65.3	70.5	71.6	-0.2
	4/F	18.7	65	72.5	66.1	71.2	72.4	-0.1
	5/F	21.7	65	73.2	66.7	72.0	73.1	-0.1
	6/F	24.7	65	73.7	66.9	72.7	73.7	0.0
Pun Uk	G/F	6.5	70	60.1	41.4	59.6	59.7	-0.4
	1/F	9.5	70	63.3	42.3	62.5	62.5	-0.7
	2/F	12.5	70	64.8	42.7	64.3	64.4	-0.4
	3/F	15.5	70	66.1	43.1	65.8	65.8	-0.4
	4/F	18.5	70	66.9	43.5	66.7	66.7	-0.2
	5/F	21.5	70	67.5	43.9	67.4	67.5	0.0
	6/F	24.5	70	67.9	44.5	68.0	67.9	0.0
	7/F	27.5	70	68.2	45.1	68.3	68.3	0.2
	8/F	30.5	70	68.4	45.5	68.6	68.7	0.2
	9/F	33.5	70	68.7	45.8	68.9	68.9	0.2
	10/F	36.5	70	68.9	46.1	69.1	69.2	0.3
	11/F	39.5	70	69.1	46.6	69.4	69.4	0.3
	12/F	42.5	70	69.4	47.1	69.5	69.6	0.2
	13/F	45.5	70	69.6	47.5	69.8	69.8	0.2
	14/F	48.5	70	69.8	47.8	69.9	70.0	0.2
	15/F	51.5	70	70.0	48.2	70.1	70.1	0.1
16/F	54.5	70	70.0	48.2	70.1	70.1	0.1	
ExSTNVPS1	G/F	5.4	65	64.1	44.0	63.8	63.9	-0.2

Notes:

72.8 Predicted noise level exceeded the corresponding criteria.

- (a) Noise Contribution due to the Project is calculated by subtracting the noise level without the Project from the overall noise level with the Project.
- (b) Ground floor level of JCCAHI is plant room and lobby. Therefore, it is not considered as noise sensitive.