

Appendix F

Construction Noise Level

Table F1 Summary of Mitigated Construction Noise Levels for the Section between Island House and Tat Wan Road

SR ID	Description	Floor	mPD	Predicted Construction Noise <small>Leq(30 min)</small> dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR1	Avon Park	1/F	38.1	0	0	0	0	
		13/F	71.7	0	0	0	0	
		25/F	105	0	0	0	0	
SR2	Fanling Government Secondary School	1/F	23	0	0	0	0	
SR3	Dawning Views 1	1/F	32.5	0	0	0	0	
		14/F	68.9	0	0	0	0	
		28/F	108	0	0	0	0	
SR3A	Dawning Views 2	1/F	32.5	0	0	0	0	
		14/F	68.9	0	0	0	0	
		28/F	108	0	0	0	0	
SR8	Wo Hop Shek 1	G/F	15.5	0	0	0	0	
		1/F	18.2	0	0	0	0	
SR9	Wo Hop Shek 2	G/F	23.6	0	0	0	0	
SR12	Nam Wa Po	G/F	29.2	27.3	27.3	27.3	27.3	
		1/F	31.9	27.3	27.3	27.3	27.3	
SR13	West Tai Wo	G/F	25	30.9	30.9	30.9	30.9	
		2/F	30.4	30.9	30.9	30.9	30.9	
SR14	Tai Wo	G/F	27.7	8.5	8.5	8.5	8.5	
		1/F	30.4	8.5	8.5	8.5	8.5	
SR17A	Tai Hang 2	G/F	25.7	33.4	33.4	33.4	33.4	
		2/F	31.1	33.4	33.4	33.4	33.4	
SR17B	Tai Hang 3	G/F	25.7	0	0	0	0	
		2/F	31.1	0	0	0	0	
SR19	Hong Lok Yuen 1	G/F	32.9	50.2	50.2	50.2	50.2	
		2/F	38.3	51.5	51.5	51.5	51.5	
SR20	Hong Lok Yuen 2	G/F	32.9	50.5	50.5	50.5	50.5	
		2/F	38.3	51.8	51.8	51.8	51.8	
SR21	Hong Lok Yuen 3	G/F	33.9	46.6	46.6	46.6	46.6	
		2/F	39.3	47.6	47.6	47.6	47.6	
SR22	Wai Tau Tsuen 1	G/F	28.2	58.5	58.5	58.5	58.5	
		1/F	30.9	58.7	58.7	58.7	58.7	
SR23	Wai Tau Tsuen 2	G/F	28.7	66.3	66.3	66.3	66.3	
		1/F	31.4	66.8	66.8	66.8	66.8	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq}(30 \text{ min})$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR24	Kau Liu Ha 1	G/F	19.1	62.7	62.7	62.7	62.7	
		2/F	24.5	65.3	65.3	65.3	65.3	
SR25	Kau Liu Ha 2	G/F	19.1	62.9	62.9	62.9	62.9	
		2/F	24.5	65.4	65.4	65.4	65.4	
SR26	Tai Po Garden	G/F	13.8	55.4	55.4	55.3	56.7	
		4/F	25	55.5	55.5	55.4	57.6	
SR27	Mui Shu Hang	G/F	15.7	62	62	61	62.8	
		1/F	18.4	62	62	61.1	62.9	
SR28	Northwest Shek Kwu Lung	G/F	21.2	62.6	62.6	62.6	62.6	
		1/F	23.9	63.1	63.1	63	63	
SR29	Parc Versailles 1	G/F	11.5	55.5	55.5	55.4	56	
		5/F	25.5	56.4	56.4	56.2	57.1	
SR29A	Parc Versailles 2	G/F	11.5	54	54	53.7	53.6	
		5/F	25.5	56.2	56.2	55.6	55.2	
SR30A	Shek Kwu Lung 4	G/F	13.4	69.6	69.5	68.1	68.1	
		2/F	18.8	69.7	69.6	68.1	68.1	
SR30B	Shek Kwu Lung 5	G/F	17.2	67.4	67.4	65.9	65.9	
		2/F	22.8	67.7	67.7	66.2	66.2	
SR30C	Shek Kwu Lung 6	G/F	31.2	59.5	59.5	58.8	58.8	
		2/F	36.8	62.2	62.1	61.2	61.2	
SR31	Shek Kwu Lung 2	G/F	9.9	65	64.9	63.6	63.5	
		2/F	15.3	65	64.9	63.6	63.6	
SR33	Shek Kwu Lung 3	G/F	33.2	76.2	X 76.2	X 73.8	64.4	
SR34	Pun Chun Yuen	G/F	58.8	66.2	66.2	65	65	
		1/F	61.5	67.1	67.1	66	66	
SR35	Buddhist Tai Kwong Middle School	1/F	37.3	69.4	69.4	67.7	62.4	
SR36	Ma Wo	G/F	43.2	68.3	67	67	67	
		1/F	45.9	68.6	67.3	67.2	67.2	
SR38	Dynasty View 1	1/F	37.7	56.8	56.7	56.3	56.3	
		5/F	48.9	66.5	66.2	66	66	
		8/F	57.3	69.9	69.7	69.5	69.5	
SR39	The Paragon	1/F	37.3	66.6	64.3	63.5	63.7	
		5/F	48.5	72.3	69.9	69.3	69.3	
		9/F	59.7	72.6	70.3	69.7	69.7	
SR40	Grand Palisades	1/F	59	67.8	65.4	64.4	64.6	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq}(30 \text{ min})$ dB(A)					
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): +Temporar y Barriers	(C)	(C)
		6/F	73	70	67.5	66.5	66.9		
		10/F	84.2	70.4	67.9	66.9	67.3		
SR41	Wong Shiu Chi Middle School	1/F	6.4	69.6	67.2	66.5	66.2		
		5/F	18.4	69.9	67.5	66.7	66.5		
SR42	Wan Tau Tong Estate - Wan Lam House 1	1/F	12.8	59.6	58.7	58.6	54.9		
		15/F	52	66.4	64.6	63.8	62.3		
		31/F	96.8	67.5	65.2	64.3	64		
SR43	Wan Tau Tong Estate - Wan Lam House 2	1/F	12.8	67.8	67.6	67.1	58.5		
		15/F	52	68.5	67.5	66.9	63		
		31/F	96.8	69.5	67	66.4	66.4		
SR44	Wan Tau Tong Estate - Wan Loi House	1/F	12.8	63.2	61	60.4	60.4		
		15/F	52	67.6	65.9	65.1	63.9		
		31/F	96.8	69	66.9	65.9	65.6		
SR45	HK Teacher's Association Secondary School	1/F	13.6	72.8	72.3	71.3	65.1		
		6/F	28.6	73.2	72.2	71.2	67.5		
SR46	Uptown Plaza	1/F	30.3	69.4	68.4	67.4	63.5		
		13/F	63.9	70.1	68.3	67.3	65.9		
		26/F	100	70.1	67.9	66.9	66.7		
SR47	Wang Fuk Court – Wang Cheong House 1	1/F	6.8	78.2	X 75.9	X 74	74		
		15/F	46	78.3	X 75.9	X 74.3	74.3		
		31/F	90.8	76.5	X 74.1	72.6	72.6		
SR48	Wang Fuk Court – Wang Cheong House 2	1/F	6.8	73.6	71.6	69.2	69.2		
		15/F	46	72.7	70.7	68.3	68.3		
		31/F	90.8	69.9	67.9	65.5	65.5		
SR49	Wang Fuk Court – Wang Cheong House 3	1/F	6.8	73.7	71.1	69.9	69.9		
		15/F	46	75.6	X 73	71.9	71.9		
		31/F	90.8	74.8	72.3	71.1	71.1		
SR50	Wang Fuk Court – Wang Tat House	1/F	6.8	73.1	70.3	69.2	69.6		
		15/F	46	74.9	72.2	71.3	71.3		
		31/F	90.8	74.4	71.8	70.8	70.8		

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq}(30 \text{ min})$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR51	Wang Fuk Court – Wang Shing House	1/F	6.8	0	0	0	0	
		15/F	46	0	0	0	0	
		31/F	90.8	0	0	0	0	
SR52	Ha Wong Yi Au 1	G/F	29.2	74.9	72.2	71.7	71.7	
SR53	Ha Wong Yi Au 2	G/F	11	66.5	64.1	62.7	62.7	
		1/F	13.7	69.8	67.4	65.9	65.9	
SR54	Riverrain Bayside	G/F	8.5	75.1	72.8	71.2	71.3	
		2/F	14.1	76.7	X 74.4	72.8	72.8	
SR55	Dynasty View 2	1/F	37.7	66.8	66.8	66.5	66.5	
		4/F	46.1	71.8	71.8	71.5	71.5	
		8/F	57.3	72	72	71.6	71.6	
SR56	Monastery at Ma Wo	G/F	42.5	73	73	72.6	72.6	
		1/F	45.2	73	73	72.6	72.6	
SR57	King Nga Court – King Yuet House 1	1/F	14.6	75.4	75.2	74.6	64.1	
		18/F	62.2	76.5	X 74.2	73.6	72.9	
		36/F	113	74.7	72.1	71.4	71.4	
SR58	King Nga Court – King Yuet House 2	1/F	14.6	77.6	X 77.4	X 76.8	X 65.5	
		18/F	62.2	78.2	X 75.7	X 75.1	74.8	
		36/F	113	75.5	X 72.9	72.3	72.3	
SR59N	King Nga Court – King Yan House	1/F	14.6	78.3	X 78.2	X 77.7	X 65.2	
		18/F	62.2	78.7	X 76.1	X 75.6	X 75.4	
		36/F	113	75.5	X 72.9	72.3	72.3	
SR60	Tak Nga Court 1	1/F	16.3	66.2	64.2	63.1	63.1	
		17/F	61.1	67.4	65.2	64.4	64.4	
		34/F	109	66.8	64.6	63.7	63.7	
SR61	Tak Nga Court 2	1/F	16.3	66.3	64.2	63	63	
		17/F	61.1	67.5	X 65.3	64.4	64.4	
		34/F	109	67.3	65.3	64.5	64.5	
SR62	Ha Wun Yiu	G/F	29.6	72.3	70.4	69.4	68.9	
		1/F	32.3	72.3	70.3	69.4	68.9	
SR63	Lai Chi Shan	G/F	22.4	69.8	67.6	66.6	66.6	
		1/F	25.1	71.2	68.9	68	68	
SR64	Shan Tong New Village 1	G/F	44.3	66.6	64.9	64.5	64.5	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq}(30 \text{ min})$ dB(A)							
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers				
		2/F	49.7	69.2		67.3		66.8		66.8	
SR65	Shan Tong New Village 2	G/F	41.8	64.2		62.9		62.6		62.6	
		2/F	47.2	65.5		63.9		63.5		63.5	
SR66	P.L.K. Tin Ka Ping Primary School	1/F	14.6	72.9		72.6		72.1		61.9	
		6/F	29.6	72.9		72.5		72		63.4	
SR67	Redland Garden	1/F	29.4	65.5		63.2		61.6		61.6	
		6/F	43.4	65.8		63.5		61.9		61.9	
SR70	Kwong Fuk Estate - Kwong Lai House	1/F	9.7	68.3		65.7		64.4		64.4	
		12/F	40.5	69.7		67.4		65.8		65.8	
		23/F	71.3	69.8		67.5		65.9		65.9	
SR73	Island House Conservation Studies Centre	G/F	17.2	73		70.6		69.1		69.1	
		1/F	20.2	73.1		70.7		69.2		69.2	
SR75	Wong Kong Shan	G/F	15.7	0		0		0		0	
		1/F	18.4	0		0		0		0	
SR76	Yuen Leng 1	G/F	22	0		0		0		0	
		2/F	27.4	0		0		0		0	
SR77	Yuen Leng 2	G/F	23.9	0		0		0		0	
		2/F	29.3	0		0		0		0	
SR78	Dynasty View 3	1/F	33.7	60.1		60.1		59.6		59.6	
		5/F	44.9	67.8		67.8		67.5		67.5	
		8/F	53.3	68.3		68.3		67.9		67.9	
SR79	Care Village	G/F	5.6	72		69.7		68.2		68.2	
		2/F	11	78.8	X	76.6	X	74.9		74.9	
SR80	Wai Tau Tsuen 3	G/F	26.2	50.7		50.7		50.7		50.7	
		2/F	31.6	52.1		52.1		52.1		52.1	
SR81	Wai Tau Tsuen 4	G/F	25.2	38.8		38.8		38.8		38.8	
		2/F	30.6	39.3		39.3		39.3		39.3	
SR82N	Tai Hang 5	G/F	24.2	39.7		39.7		39.7		39.7	
		2/F	29.6	39.7		39.7		39.7		39.7	
SR84	Nam Wa Po 2	G/F	19.7	33.7		33.7		33.7		33.7	
		2/F	25.1	33.7		33.7		33.7		33.7	
SR85	Nam Wa Po 3	G/F	23.1	25.4		25.4		25.4		25.4	
		2/F	28.5	25.4		25.4		25.4		25.4	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq}(30 \text{ min})$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR87	Tai Wo 2	G/F	26.1	25.6	25.6	25.6	25.6	
		2/F	31.5	25.6	25.6	25.6	25.6	
SR88	Wai Tau Tsuen 5	G/F	28.8	54.5	54.5	54.5	54.5	
		2/F	34.2	54.7	54.7	54.7	54.7	
SR89	Wai Tau Tsuen 6	G/F	29.3	51.8	51.8	51.8	51.8	
		2/F	34.7	52.1	52.1	52.1	52.1	
SR90	Wai Tau Tsuen 7	G/F	26.9	53.5	53.5	53.5	53.5	
		2/F	32.3	53.8	53.8	53.8	53.8	
SR93	SKH Mok Sau Tsang Secondary School	1/F	25.6	61.8	61.1	60	55.8	
		6/F	40.6	67.1	65.2	64.2	63.1	
SR94	Choi Hin To Primary School	1/F	15.5	53.2	53	52.9	52.9	
		5/F	27.5	53.3	53.1	53	53	
SR95B	Tai Po Normal School Memorial School 2	G/F	16.6	61.1	61	60.4	59.2	
SR100	KCRC Staff Quarters	G/F	10.2	61.7	59.3	57.9	57.9	
		3/F	19.2	64.5	62.2	60.7	60.7	
		6/F	28.2	64.8	62.4	61	61	
SR101	Chateau Royale	G/F	20.2	70.8	68.5	67	67	
		2/F	25.8	71.4	69.1	67.5	67.5	
SR103	Classical Garden	1/F	27.2	50.1	49.3	49.1	48.7	
		4/F	35.6	51.1	50	49.8	49.9	
		8/F	46.8	53.4	51.7	51.4	52.6	
SR104	Village House near Ma Wo 1	G/F	81.2	73.1	73.1	72.7	72.7	
SR105	Village House near Ma Wo 2	G/F	79.4	63.6	62.9	62.7	62.7	
SR106	Village House near Shek Kwu Lung	G/F	39.2	68.6	68.5	67.2	67.4	
SR107	Village House near Hong Lok Yuen	G/F	27.1	44.4	44.4	44.4	44.4	
		1/F	29.8	46.3	46.3	46.3	46.3	
SR108	Tai Hang Village House	G/F	25.7	46	46	46	46	
		2/F	31.1	45.9	45.9	45.9	45.9	
SR109	Village House near Nam Wa Po	G/F	22.5	35	35	35	35	

Notes:

(1) x = Predicted construction noise levels exceed the relevant criterion

Table F2 Summary of Mitigated Construction Noise Levels for the Section between Tai Po Tai Wo Road and Hong Lok Yuen Road

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(E)
SR1	Avon Park	1/F	38.1	0	0	0	0	
		13/F	71.7	0	0	0	0	
		25/F	105	0	0	0	0	
SR2	Fanling Government Secondary School	1/F	23	0	0	0	0	
SR3	Dawning Views 1	1/F	32.5	0	0	0	0	
		14/F	68.9	0	0	0	0	
		28/F	108	0	0	0	0	
SR3A	Dawning Views 2	1/F	32.5	0	0	0	0	
		14/F	68.9	0	0	0	0	
		28/F	108	0	0	0	0	
SR8	Wo Hop Shek 1	G/F	15.5	0	0	0	0	
		1/F	18.2	0	0	0	0	
SR9	Wo Hop Shek 2	G/F	23.6	0	0	0	0	
		1/F	26.3	0	0	0	0	
SR12	Nam Wa Po	G/F	29.2	27.3	27.3	27.3	27.3	
		1/F	31.9	27.3	27.3	27.3	27.3	
SR13	West Tai Wo	G/F	25	30.9	30.9	30.9	30.9	
		2/F	30.4	30.9	30.9	30.9	30.9	
SR14	Tai Wo	G/F	27.7	0	0	0	0	
		1/F	30.4	0	0	0	0	
SR17A	Tai Hang 2	G/F	25.7	33.4	33.4	33.4	33.4	
		2/F	31.1	33.4	33.4	33.4	33.4	
SR17B	Tai Hang 3	G/F	25.7	0	0	0	0	
		2/F	31.1	0	0	0	0	
SR19	Hong Lok Yuen 1	G/F	32.9	51.3	50.2	50.2	50.2	
		2/F	38.3	52.9	51.5	51.5	51.5	
SR20	Hong Lok Yuen 2	G/F	32.9	51.6	50.5	50.5	50.5	
		2/F	38.3	53.2	51.8	51.8	51.8	
SR21	Hong Lok Yuen 3	G/F	33.9	48.4	46.6	46.6	46.6	
		2/F	39.3	49.9	47.6	47.6	47.6	
SR22	Wai Tau Tsuen 1	G/F	28.2	60	58.5	58.5	58.5	
		1/F	30.9	60.5	58.7	58.7	58.7	
SR23	Wai Tau Tsuen 2	G/F	28.7	66.9	66.3	66.3	66.3	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
		1/F	31.4	67.6	66.8	66.8	66.8	
SR24	Kau Liu Ha 1	G/F	19.1	64.2	62.7	62.7	62.7	
		2/F	24.5	67	65.3	65.3	65.3	
SR25	Kau Liu Ha 2	G/F	19.1	64.3	62.9	62.9	62.9	
		2/F	24.5	67.1	65.4	65.4	65.4	
SR26	Tai Po Garden	G/F	13.8	55.8	55.4	55.3	56.7	
		4/F	25	56.2	55.7	55.5	57.6	
SR27	Mui Shu Hang	G/F	15.7	62.4	62.4	61.2	62.6	
		1/F	18.4	62.5	62.5	61.3	62.7	
SR28	Northwest Shek Kwu Lung	G/F	21.2	62.6	62.6	62.6	62.6	
		1/F	23.9	63.1	63.1	63	63	
SR29	Parc Versailles 1	G/F	11.5	56	55.8	55.5	56.1	
		5/F	25.5	57.5	57	56.6	57.5	
SR29A	Parc Versailles 2	G/F	11.5	54.1	54.1	53.7	53.5	
		5/F	25.5	56.9	56.8	56	54.8	
SR30A	Shek Kwu Lung 4	G/F	13.4	69.6	69.4	67.7	67.7	
		2/F	18.8	69.6	69.5	67.7	67.7	
SR30B	Shek Kwu Lung 5	G/F	17.2	68.1	68	66.2	66.2	
		2/F	22.8	68.3	68.3	66.5	66.4	
SR30C	Shek Kwu Lung 6	G/F	31.2	59.8	59.7	58.8	58.8	
		2/F	36.8	62.4	62.3	61.1	61	
SR31	Shek Kwu Lung 2	G/F	9.9	65.1	64.9	63.3	63.2	
		2/F	15.3	65.1	65	63.3	63.2	
SR33	Shek Kwu Lung 3	G/F	33.2	72.5	71.9	72.1	61.6	
SR34	Pun Chun Yuen	G/F	58.8	68.6	68.3	67.1	67.1	
		1/F	61.5	69.7	69.5	68.2	68.2	
SR35	Buddhist Tai Kwong Middle School	1/F	37.3	70.4	X 70.1	X 69.1	X 64.6	
SR36	Ma Wo	G/F	43.2	68.1	66.8	66.7	66.7	
		1/F	45.9	68.3	67	67	67	
SR38	Dynasty View 1	1/F	37.7	56.6	56.5	56.2	56.2	
		5/F	48.9	65.6	65.3	65	65.1	
		8/F	57.3	69.6	69.3	69	69	
SR39	The Paragon	1/F	37.3	64.5	64.5	63.3	63.5	
		5/F	48.5	70.1	70	68.8	68.8	
		9/F	59.7	70.3	70.3	69	69.1	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)							
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers				
SR40	Grand Palisades	1/F	59	65.2		65.1		63.9		64.2	
		6/F	73	67.4		67.4		66.1		66.5	
		10/F	84.2	67.8		67.7		66.3		66.8	
SR41	Wong Shiu Chi Middle School	1/F	6.4	67.3	X	67.2	X	65.8	X	65.3	
		5/F	18.4	67.4	X	67.3	X	65.9	X	65.4	
SR42	Wan Tau Tong Estate - Wan Lam House 1	1/F	12.8	62.4		62.4		60.9		55.3	
		15/F	52	66.6		66.5		65.1		63.1	
		31/F	96.8	67		66.8		65.5		65.2	
SR43	Wan Tau Tong Estate - Wan Lam House 2	1/F	12.8	67.6		67.6		67.1		58.5	
		15/F	52	67.5		67.5		66.9		62.7	
		31/F	96.8	67		67		66.4		66.4	
SR44	Wan Tau Tong Estate - Wan Loi House	1/F	12.8	60.8		60.7		59.6		59.6	
		15/F	52	67.4		67.3		66		64.5	
		31/F	96.8	68.5		68.4		67		66.8	
SR45	HK Teacher's Association Secondary School	1/F	13.6	74.7	X	74.6	X	73.2	X	65.7	X
		6/F	28.6	74.6	X	74.4	X	73.1	X	68.9	X
SR46	Uptown Plaza	1/F	30.3	70.2		70		68.7		63.4	
		13/F	63.9	69.8		69.8		68.4		66.6	
		26/F	100	69.3		69.2		67.8		67.6	
SR47	Wang Fuk Court – Wang Cheong House 1	1/F	6.8	72.5		72.4		70.2		70.3	
		15/F	46	73.1		72.9		71		71	
		31/F	90.8	71.3		71.1		69.4		69.4	
SR48	Wang Fuk Court – Wang Cheong House 2	1/F	6.8	68.4		68.4		65.7		65.7	
		15/F	46	67.5		67.5		64.8		64.8	
		31/F	90.8	64.7		64.7		62		62	
SR49	Wang Fuk Court – Wang Cheong House 3	1/F	6.8	67.2		67		65.7		65.7	
		15/F	46	70.6		70.4		68.9		68.9	
		31/F	90.8	70		69.8		68.2		68.2	
SR50	Wang Fuk Court – Wang Tat House	1/F	6.8	67.2		67.1		65.7		65.9	
		15/F	46	70.4		70.2		68.7		68.7	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq}(30 \text{ min})$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporary Barriers	(C)
		31/F	90.8	69.9	69.7	68.2	68.2	
SR51	Wang Fuk Court – Wang Shing House	1/F	6.8	0	0	0	0	
		15/F	46	0	0	0	0	
		31/F	90.8	0	0	0	0	
SR52	Ha Wong Yi Au 1	G/F	29.2	71.2	71	69.7	69.7	
SR53	Ha Wong Yi Au 2	G/F	11	60.3	60	58.3	58.3	
		1/F	13.7	63.1	62.8	61.1	61.1	
SR54	Riverrain Bayside	G/F	8.5	69.6	69.2	67.1	67.1	
		2/F	14.1	70.8	70.5	68.6	68.6	
SR55	Dynasty View 2	1/F	37.7	66.7	66.7	66.3	66.3	
		4/F	46.1	71.6	71.6	71.2	71.2	
		8/F	57.3	71.7	71.7	71.3	71.3	
SR56	Monastery at Ma Wo	G/F	42.5	72.9	72.9	72.5	72.5	
		1/F	45.2	72.9	72.9	72.5	72.5	
SR57	King Nga Court – King Yuet House 1	1/F	14.6	75.2	75.2	74.6	64.1	
		18/F	62.2	74.3	74.3	73.7	72.8	
		36/F	113	72.1	72.1	71.4	71.4	
SR58	King Nga Court – King Yuet House 2	1/F	14.6	77.4	X 77.4	X 76.8	X 65.5	
		18/F	62.2	75.8	X 75.8	X 75.1	74.8	
		36/F	113	73	73	72.3	72.3	
SR59N	King Nga Court – King Yan House	1/F	14.6	78.3	X 78.3	X 77.8	X 65.2	
		18/F	62.2	76.2	X 76.2	X 75.6	X 75.3	
		36/F	113	73	73	72.4	72.4	
SR60	Tak Nga Court 1	1/F	16.3	64.2	64.2	63.1	63.1	
		17/F	61.1	65.2	65.2	64.4	64.4	
		34/F	109	64.6	64.6	63.7	63.7	
SR61	Tak Nga Court 2	1/F	16.3	64.3	64.3	63	63	
		17/F	61.1	66.2	66.1	65.3	65.3	
		34/F	109	66.5	66.3	65.7	65.7	
SR62	Ha Wun Yiu	G/F	29.6	70.4	70.4	69.5	69	
		1/F	32.3	70.4	70.4	69.5	68.9	
SR63	Lai Chi Shan	G/F	22.4	68.4	68.3	67.5	67.5	
		1/F	25.1	69.6	69.5	68.7	68.7	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)					
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers		
SR64	Shan Tong New Village 1	G/F	44.3	65.4	65.4	64.9	64.9		
		2/F	49.7	68	67.9	67.3	67.3		
SR65	Shan Tong New Village 2	G/F	41.8	63	62.9	62.5	62.5		
		2/F	47.2	64.2	64.2	63.6	63.6		
SR66	P.L.K. Tin Ka Ping Primary School	1/F	14.6	72.9	X 72.8	X 72.2	X 62.4		
		6/F	29.6	72.8	X 72.8	X 72.1	X 63.7		
SR67	Redland Garden	1/F	29.4	59.8	59.5	57.8	57.8		
		6/F	43.4	60.2	59.9	58.2	58.2		
SR70	Kwong Fuk Estate - Kwong Lai House	1/F	9.7	62.9	62.7	61.1	61		
		12/F	40.5	64.4	64.2	62.5	62.4		
		23/F	71.3	64.6	64.4	62.7	62.6		
SR73	Island House Conservation Studies Centre	G/F	17.2	66.4	66.2	64.6	64.6		
		1/F	20.2	66.5	66.3	64.8	64.8		
SR75	Wong Kong Shan	G/F	15.7	0	0	0	0		
		1/F	18.4	0	0	0	0		
SR76	Yuen Leng 1	G/F	22	0	0	0	0		
		2/F	27.4	0	0	0	0		
SR77	Yuen Leng 2	G/F	23.9	0	0	0	0		
		2/F	29.3	0	0	0	0		
SR78	Dynasty View 3	1/F	33.7	59.9	59.9	59.6	59.6		
		5/F	44.9	67.7	67.7	67.4	67.4		
		8/F	53.3	68.2	68.2	67.8	67.8		
SR79	Care Village	G/F	5.6	66.6	66.4	64.7	64.7		
		2/F	11	73.6	73.4	71.6	71.6		
SR80	Wai Tau Tsuen 3	G/F	26.2	51.8	50.7	50.7	50.7		
		2/F	31.6	53.6	52.1	52.1	52.1		
SR81	Wai Tau Tsuen 4	G/F	25.2	38.8	38.8	38.8	38.8		
		2/F	30.6	39.3	39.3	39.3	39.3		
SR82N	Tai Hang 5	G/F	24.2	39.9	39.7	39.7	39.7		
		2/F	29.6	40.1	39.7	39.7	39.7		
SR84	Nam Wa Po 2	G/F	19.7	33.7	33.7	33.7	33.7		
		2/F	25.1	33.7	33.7	33.7	33.7		
SR85	Nam Wa Po 3	G/F	23.1	25.4	25.4	25.4	25.4		

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): +Temporar y Barriers	(C)
		2/F	28.5	25.4	25.4	25.4	25.4	
SR87	Tai Wo 2	G/F	26.1	25.6	25.6	25.6	25.6	
		2/F	31.5	25.6	25.6	25.6	25.6	
SR88	Wai Tau Tsuen 5	G/F	28.8	55.2	54.5	54.5	54.5	
		2/F	34.2	55.9	54.7	54.7	54.7	
SR89	Wai Tau Tsuen 6	G/F	29.3	52.4	51.8	51.8	51.8	
		2/F	34.7	53.1	52.1	52.1	52.1	
SR90	Wai Tau Tsuen 7	G/F	26.9	54.6	53.5	53.5	53.5	
		2/F	32.3	55	53.8	53.8	53.8	
SR93	SKH Mok Sau Tsang Secondary School	1/F	25.6	62.5	62.4	61.2	55.6	
		6/F	40.6	65.2	65.1	63.7	61.5	
SR94	Choi Hin To Primary School	1/F	15.5	53.5	53.4	53.3	53.3	
		5/F	27.5	53.9	53.7	53.7	53.7	
SR95B	Tai Po Normal School Memorial School 2	G/F	16.6	64.6	64.5	62.9	60.4	
SR100	KCRC Staff Quarters	G/F	10.2	55.3	55.1	53.5	53.5	
		3/F	19.2	58.6	58.3	56.6	56.6	
		6/F	28.2	58.9	58.7	57	57	
SR101	Chateau Royale	G/F	20.2	64.6	64.2	62.4	62.4	
		2/F	25.8	65.6	65.3	63.5	63.5	
SR103	Classical Garden	1/F	27.2	58.5	57.9	57.7	57.8	
		4/F	35.6	60.7	60.1	59.9	60.9	
		8/F	46.8	63.1	62.4	62.4	63.8	
SR104	Village House near Ma Wo 1	G/F	81.2	73.3	73.3	72.8	72.8	
SR105	Village House near Ma Wo 2	G/F	79.4	63.9	63.2	62.9	62.9	
SR106	Village House near Shek Kwu Lung	G/F	39.2	68.7	68.6	66.9	67.4	
SR107	Village House near Hong Lok Yuen	G/F	27.1	45.4	44.4	44.4	44.4	
		1/F	29.8	47.3	46.3	46.3	46.3	
SR108	Tai Hang Village House	G/F	25.7	47.1	46	46	46	
		2/F	31.1	47.8	45.9	45.9	45.9	
SR109	Village House near Nam Wa Po	G/F	22.5	35	35	35	35	

Notes:

(1) x = Predicted construction noise levels exceed the relevant criterion

Table F3 Summary of Mitigated Construction Noise Levels for the Section between Tat Wan Road and Tai Po Tai Wo Road

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporary Barriers	(E)
SR1	Avon Park	1/F	38.1	46.9	46.9	46.9	46.9	
		13/F	71.7	47.8	47.8	47.8	47.8	
		25/F	105	47.1	47.1	47.1	47.1	
SR2	Fanling Government Secondary School	1/F	23	46.8	46.8	46.8	46.8	
SR3	Dawning Views 1	1/F	32.5	54.8	54.8	54.8	54.8	
		14/F	68.9	54.4	54.4	54.4	54.4	
		28/F	108	53.4	53.4	53.4	53.4	
SR3A	Dawning Views 2	1/F	32.5	55.4	55.4	55.4	55.4	
		14/F	68.9	54.8	54.8	54.8	54.8	
		28/F	108	53.9	53.9	53.9	53.9	
SR8	Wo Hop Shek 1	G/F	15.5	48.4	48.4	48.4	48.4	
		1/F	18.2	48.5	48.5	48.5	48.5	
SR9	Wo Hop Shek 2	G/F	23.6	60.2	60.2	60.2	60.2	
		1/F	26.3	60.1	60.1	60.1	60.1	
SR12	Nam Wa Po	G/F	29.2	58.1	58.1	58.1	58.1	
		1/F	31.9	58.1	58.1	58.1	58.1	
SR13	West Tai Wo	G/F	25	62.3	62.3	62.3	62.3	
		2/F	30.4	62.2	62.2	62.2	62.2	
SR14	Tai Wo	G/F	27.7	59.7	59.7	59.7	59.7	
		1/F	30.4	59.7	59.7	59.7	59.7	
SR17A	Tai Hang 2	G/F	25.7	66.8	66.8	66.8	66.8	
		2/F	31.1	66.8	66.8	66.8	66.8	
SR17B	Tai Hang 3	G/F	25.7	60.3	60.3	60.3	60.3	
		2/F	31.1	60.3	60.3	60.3	60.3	
SR19	Hong Lok Yuen 1	G/F	32.9	64.7	64.7	64.7	64.7	
		2/F	38.3	65.6	65.6	65.6	65.6	
SR20	Hong Lok Yuen 2	G/F	32.9	65.4	65.4	65.4	65.4	
		2/F	38.3	65.7	65.7	65.7	65.7	
SR21	Hong Lok Yuen 3	G/F	33.9	69.8	69.8	69.8	69.8	
		2/F	39.3	69.8	69.8	69.8	69.8	
SR22	Wai Tau Tsuen 1	G/F	28.2	75.1	75.1	75.1	75.1	
		1/F	30.9	75	75	75	75	

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)					
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers		
SR23	Wai Tau Tsuen 2	G/F	28.7	66.8	66.8	66.8	66.8		
		1/F	31.4	67.5	67.5	67.5	67.5		
SR24	Kau Liu Ha 1	G/F	19.1	63.7	63.7	63.7	63.7		
		2/F	24.5	66.4	66.4	66.4	66.4		
SR25	Kau Liu Ha 2	G/F	19.1	63.7	63.7	63.7	63.7		
		2/F	24.5	66.5	66.5	66.5	66.5		
SR26	Tai Po Garden	G/F	13.8	61.9	61.8	60.9	60.6		
		4/F	25	62.6	62.5	61.7	61.3		
SR27	Mui Shu Hang	G/F	15.7	70.5	70.5	69.5	69.5		
		1/F	18.4	70.6	70.5	69.6	69.6		
SR28	Northwest Shek Kwu Lung	G/F	21.2	73.5	73.5	72.5	72.5		
		1/F	23.9	73.5	73.5	72.5	72.5		
SR29	Parc Versailles 1	G/F	11.5	67.9	67.9	67	67		
		5/F	25.5	68.5	68.5	67.5	67.5		
SR29A	Parc Versailles 2	G/F	11.5	64.6	64.6	63.8	63.7		
		5/F	25.5	66	65.9	65	64.6		
SR30A	Shek Kwu Lung 4	G/F	13.4	67.8	67.6	65.7	65.7		
		2/F	18.8	68.3	68.1	66.2	66.2		
SR30B	Shek Kwu Lung 5	G/F	17.2	66.6	66.6	64.7	64.7		
		2/F	22.8	67.1	67.1	65.2	65.1		
SR30C	Shek Kwu Lung 6	G/F	31.2	60.7	60.6	60	60		
		2/F	36.8	64.2	64.2	62.9	62.9		
SR31	Shek Kwu Lung 2	G/F	9.9	64.2	64	62.2	62.2		
		2/F	15.3	64.3	64.2	62.4	62.3		
SR33	Shek Kwu Lung 3	G/F	33.2	72.5	71.8	71.3	62.4		
SR34	Pun Chun Yuen	G/F	58.8	65.8	65.8	64.3	67		
		1/F	61.5	65.8	65.8	64.4	68.1		
SR35	Buddhist Tai Kwong Middle School	1/F	37.3	70.4	X 70.2	X 68.8	X 64.6		
SR36	Ma Wo	G/F	43.2	68.8	68.8	68.7	68.7		
		1/F	45.9	68.9	68.9	68.9	68.9		
SR38	Dynasty View 1	1/F	37.7	56.6	56.6	56.2	56.2		
		5/F	48.9	65.6	65.6	65.4	65.4		
		8/F	57.3	69.6	69.6	69.3	69.3		
SR39	The Paragon	1/F	37.3	65	65	65	65.4		

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)							
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): +Temporar y Barriers	(C)	(D)	(C)	
		5/F	48.5	70.9		70.9		70.9		70.9	
		9/F	59.7	71.1		71.1		71.1		71.1	
SR40	Grand Palisades	1/F	59	65.3		65.3		65.3		65.5	
		6/F	73	67.6		67.6		67.6		67.7	
		10/F	84.2	68		68		68		68	
SR41	Wong Shiu Chi Middle School	1/F	6.4	68.1	X	68.1	X	68.1	X	67.8	X
		5/F	18.4	68.2	X	68.2	X	68.2	X	67.9	X
SR42	Wan Tau Tong Estate - Wan Lam House 1	1/F	12.8	62.5		62.5		62.5		56.5	
		15/F	52	66.7		66.7		66.7		64.8	
		31/F	96.8	67.1		67.1		67.1		66.8	
SR43	Wan Tau Tong Estate - Wan Lam House 2	1/F	12.8	56.5		56.5		56.5		56.5	
		15/F	52	56.5		56.5		56.5		56.5	
		31/F	96.8	56.3		56.3		56.3		56.3	
SR44	Wan Tau Tong Estate - Wan Loi House	1/F	12.8	61.6		61.6		61.6		61.6	
		15/F	52	67.6		67.6		67.6		66.1	
		31/F	96.8	68.6		68.6		68.6		68.3	
SR45	HK Teacher's Association Secondary School	1/F	13.6	74.7	X	74.7	X	74.7	X	67	X
		6/F	28.6	74.6	X	74.6	X	74.6	X	70.3	X
SR46	Uptown Plaza	1/F	30.3	70.3		70.3		70.3		65.2	
		13/F	63.9	70		70		70		68.4	
		26/F	100	69.5		69.5		69.5		69.2	
SR47	Wang Fuk Court – Wang Cheong House 1	1/F	6.8	72.5		72.5		72.5		72.5	
		15/F	46	73.2		73.2		73.2		73.2	
		31/F	90.8	71.5		71.5		71.5		71.5	
SR48	Wang Fuk Court – Wang Cheong House 2	1/F	6.8	68.4		68.4		68.4		68.4	
		15/F	46	67.5		67.5		67.5		67.5	
		31/F	90.8	64.7		64.7		64.7		64.7	
SR49	Wang Fuk Court – Wang Cheong House 3	1/F	6.8	67.5		67.5		67.5		67.6	
		15/F	46	71.1		71.1		71.1		71.1	
		31/F	90.8	70.5		70.5		70.5		70.5	

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(E)
SR50	Wang Fuk Court – Wang Tat House	1/F	6.8	67.9	67.9	67.9	68.2	
		15/F	46	71.2	71.2	71.2	71.2	
		31/F	90.8	70.6	70.6	70.6	70.6	
SR51	Wang Fuk Court – Wang Shing House	1/F	6.8	0	0	0	0	
		15/F	46	0	0	0	0	
		31/F	90.8	0	0	0	0	
SR52	Ha Wong Yi Au 1	G/F	29.2	71.7	71.7	71.7	71.7	
SR53	Ha Wong Yi Au 2	G/F	11	60.4	60.4	60.4	60.4	
		1/F	13.7	63.2	63.2	63.2	63.2	
SR54	Riverrain Bayside	G/F	8.5	69.6	69.6	69.6	69.7	
		2/F	14.1	70.9	70.9	70.9	70.9	
SR55	Dynasty View 2	1/F	37.7	66.7	66.7	66.3	66.3	
		4/F	46.1	71.6	71.6	71.2	71.2	
		8/F	57.3	71.7	71.7	71.3	71.3	
SR56	Monastery at Ma Wo	G/F	42.5	73	73	72.6	72.6	
		1/F	45.2	73.1	73.1	72.7	72.7	
SR57	King Nga Court – King Yuet House 1	1/F	14.6	64.3	64.3	64.3	64.3	
		18/F	62.2	67.2	67.2	67.2	67.2	
		36/F	113	66.6	66.6	66.6	66.6	
SR58	King Nga Court – King Yuet House 2	1/F	14.6	64.9	64.9	64.9	65.2	
		18/F	62.2	67.8	67.8	67.8	67.7	
		36/F	113	67.3	67.3	67.3	67.3	
SR59N	King Nga Court – King Yan House	1/F	14.6	63.5	63.5	63.5	62.9	
		18/F	62.2	65.6	65.6	65.6	65.4	
		36/F	113	65.3	65.3	65.3	65.3	
SR60	Tak Nga Court 1	1/F	16.3	65.9	65.9	65.9	65.9	
		17/F	61.1	67.6	67.6	67.6	67.6	
		34/F	109	67	67	67	67	
SR61	Tak Nga Court 2	1/F	16.3	66.1	66.1	66.1	66.1	
		17/F	61.1	68	68	67.9	67.9	
		34/F	109	67.8	67.8	67.7	67.7	
SR62	Ha Wun Yiu	G/F	29.6	71.6	71.6	71.6	71.6	

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporary Barriers	(C)
		1/F	32.3	71.6	71.6	71.6	71.6	
SR63	Lai Chi Shan	G/F	22.4	69.9	69.9	69.9	69.9	
		1/F	25.1	71.4	71.4	71.4	71.4	
SR64	Shan Tong New Village 1	G/F	44.3	64.3	64.3	64.3	64.3	
		2/F	49.7	66.7	66.7	66.7	66.7	
SR65	Shan Tong New Village 2	G/F	41.8	62.6	62.6	62.6	62.6	
		2/F	47.2	63.5	63.5	63.5	63.5	
SR66	P.L.K. Tin Ka Ping Primary School	1/F	14.6	63.9	63.9	63.9	61.4	
		6/F	29.6	63.9	63.9	63.9	61.6	
SR67	Redland Garden	1/F	29.4	59.9	59.9	59.9	60	
		6/F	43.4	60.3	60.3	60.3	60.4	
SR70	Kwong Fuk Estate - Kwong Lai House	1/F	9.7	62.9	62.9	62.9	62.8	
		12/F	40.5	64.4	64.4	64.4	64.3	
		23/F	71.3	64.6	64.6	64.6	64.5	
SR73	Island House Conservation Studies Centre	G/F	17.2	66.4	66.4	66.4	66.5	
		1/F	20.2	66.6	66.6	66.6	66.7	
SR75	Wong Kong Shan	G/F	15.7	49.1	49.1	49.1	49.1	
		1/F	18.4	49.1	49.1	49.1	49.1	
SR76	Yuen Leng 1	G/F	22	57.4	57.4	57.4	57.4	
		2/F	27.4	57.4	57.4	57.4	57.4	
SR77	Yuen Leng 2	G/F	23.9	59.2	59.2	59.2	59.2	
		2/F	29.3	59.1	59.1	59.1	59.1	
SR78	Dynasty View 3	1/F	33.7	63.7	63.7	63.6	63.6	
		5/F	44.9	71.8	71.8	71.6	71.6	
		8/F	53.3	72.2	72.2	72.1	72.1	
SR79	Care Village	G/F	5.6	66.6	66.6	66.6	66.6	
		2/F	11	73.6	73.6	73.6	73.6	
SR80	Wai Tau Tsuen 3	G/F	26.2	72.1	72.1	72.1	72.1	
		2/F	31.6	72.1	72.1	72.1	72.1	
SR81	Wai Tau Tsuen 4	G/F	25.2	71.4	71.4	71.4	71.4	
		2/F	30.6	71.4	71.4	71.4	71.4	
SR82N	Tai Hang 5	G/F	24.2	63.5	63.5	63.5	63.5	
		2/F	29.6	63.5	63.5	63.5	63.5	

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR84	Nam Wa Po 2	G/F	19.7	60.8	60.8	60.8	60.8	
		2/F	25.1	60.8	60.8	60.8	60.8	
SR85	Nam Wa Po 3	G/F	23.1	62.1	62.1	62.1	62.1	
		2/F	28.5	62.1	62.1	62.1	62.1	
SR87	Tai Wo 2	G/F	26.1	60.9	60.9	60.9	60.9	
		2/F	31.5	60.9	60.9	60.9	60.9	
SR88	Wai Tau Tsuen 5	G/F	28.8	68.8	68.8	68.8	68.8	
		2/F	34.2	68.8	68.8	68.8	68.8	
SR89	Wai Tau Tsuen 6	G/F	29.3	65.9	65.9	65.9	65.9	
		2/F	34.7	66	66	66	66	
SR90	Wai Tau Tsuen 7	G/F	26.9	65.1	65.1	65.1	65.1	
		2/F	32.3	65.1	65.1	65.1	65.1	
SR93	SKH Mok Sau Tsang Secondary School	1/F	25.6	62.6	62.6	62.6	56.8	
		6/F	40.6	65.7	X 65.7	X 65.7	X 63.7	
SR94	Choi Hin To Primary School	1/F	15.5	53.2	53.2	53.2	53.2	
		5/F	27.5	53.8	53.8	53.8	53.8	
SR95B	Tai Po Normal School Memorial School 2	G/F	16.6	64.4	64.4	62.7	60.2	
SR100	KCRC Staff Quarters	G/F	10.2	55.4	55.4	55.4	55.4	
		3/F	19.2	58.6	58.6	58.6	58.6	
		6/F	28.2	59.1	59.1	59.1	59.1	
SR101	Chateau Royale	G/F	20.2	64.6	64.6	64.6	64.6	
		2/F	25.8	65.7	65.7	65.7	65.7	
SR103	Classical Garden	1/F	27.2	51.7	51.7	51.6	50.2	
		4/F	35.6	52.4	52.4	52.3	51.8	
		8/F	46.8	54.3	54.3	54.1	55.2	
SR104	Village House near Ma Wo 1	G/F	81.2	73.6	73.6	73.2	73.2	
SR105	Village House near Ma Wo 2	G/F	79.4	64.2	64.2	64	64	
SR106	Village House near Shek Kwu Lung	G/F	39.2	68.7	68.5	66.7	66.8	
SR107	Village House near Hong Lok Yuen	G/F	27.1	71.3	71.3	71.3	71.3	
		1/F	29.8	71.3	71.3	71.3	71.3	
SR108	Tai Hang Village House	G/F	25.7	67.3	67.3	67.3	67.3	
		2/F	31.1	67.3	67.3	67.3	67.3	

SR ID	Description	Floor	mPD	Predicted Construction Noise Leq(30 min) dB(A)					
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)	(D)
SR109	Village House near Nam Wa Po	G/F	22.5	59.2	59.2	59.2	59.2	59.2	

Notes:

(1) x = Predicted construction noise levels exceed the relevant criterion

Table F4 Summary of Mitigated Construction Noise Levels for the Section between Hong Lok Yuen Road and Pak Wo Road

SR ID	Description	Floor	mPD	Predicted Construction Noise L _{eq} (30 min) dB(A)					
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)	(D)
SR1	Avon Park	1/F	38.1	60.6	60.5	59.4	59.4		
		13/F	71.7	61.8	61.7	60.7	60.7		
		25/F	105	61.7	61.6	60.7	60.7		
SR2	Fanling Government Secondary School	1/F	23	63.4	63.3	62.4	62.4		
SR3	Dawning Views 1	1/F	32.5	65.9	65.9	64.9	64.9		
		14/F	68.9	65.8	65.7	64.7	64.7		
		28/F	108	65.5	65.5	64.5	64.5		
SR3A	Dawning Views 2	1/F	32.5	66.2	66.1	65.1	65.1		
		14/F	68.9	66.1	66	65	65		
		28/F	108	65.8	65.7	64.7	64.7		
SR8	Wo Hop Shek 1	G/F	15.5	59.8	59.8	58.3	58.3		
		1/F	18.2	59.8	59.8	58.3	58.3		
SR9	Wo Hop Shek 2	G/F	23.6	75.9	X 75.8	X 74.3	74.3		
		1/F	26.3	75.8	X 75.8	X 74.2	74.2		
SR12	Nam Wa Po	G/F	29.2	70.5	70.2	69.8	69.8		
		1/F	31.9	70.5	70.2	69.8	69.8		
SR13	West Tai Wo	G/F	25	94.7	X 94.7	X 94.7	X 71.1		
		2/F	30.4	92.5	X 92.5	X 92.4	X 75.3		
SR14	Tai Wo	G/F	27.7	73.6	73.6	73.2	73.2		
		1/F	30.4	73.6	73.6	73.2	73.2		
SR17A	Tai Hang 2	G/F	25.7	72.4	72.4	71.5	71.5		
		2/F	31.1	72.4	72.4	71.4	71.4		
SR17B	Tai Hang 3	G/F	25.7	62.2	62.2	62.2	62.2		
		2/F	31.1	62.1	62.1	62.1	62.1		

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporary Barriers	(C)
SR19	Hong Lok Yuen 1	G/F	32.9	65.8	65.8	65.7	65.7	
		2/F	38.3	66.4	66.4	66.3	66.3	
SR20	Hong Lok Yuen 2	G/F	32.9	65.4	65.4	65.2	65.2	
		2/F	38.3	66	66	66	66	
SR21	Hong Lok Yuen 3	G/F	33.9	69.6	69.6	69.5	69.5	
		2/F	39.3	69.6	69.6	69.6	69.6	
SR22	Wai Tau Tsuen 1	G/F	28.2	64.1	64.1	64.1	64.1	
		1/F	30.9	64.3	64.3	64.3	64.3	
SR23	Wai Tau Tsuen 2	G/F	28.7	69.9	69.9	69.9	69.9	
		1/F	31.4	71.2	71.2	71.2	71.2	
SR24	Kau Liu Ha 1	G/F	19.1	60.2	60.2	60.2	60.2	
		2/F	24.5	62.1	62.1	62.1	62.1	
SR25	Kau Liu Ha 2	G/F	19.1	60.1	60.1	60.1	60.1	
		2/F	24.5	62.1	62.1	62.1	62.1	
SR26	Tai Po Garden	G/F	13.8	60.9	60.9	59.7	59.5	
		4/F	25	61	61	59.7	59.7	
SR27	Mui Shu Hang	G/F	15.7	70.3	70.3	68.8	68.9	
		1/F	18.4	70.3	70.3	68.8	69	
SR28	Northwest Shek Kwu Lung	G/F	21.2	75.7	X 75.7	X 74	74	
		1/F	23.9	75.7	X 75.7	X 74.1	74.1	
SR29	Parc Versailles 1	G/F	11.5	68	68	66.5	67	
		5/F	25.5	68.5	68.4	66.9	67.2	
SR29A	Parc Versailles 2	G/F	11.5	64.3	64.3	62.8	62.7	
		5/F	25.5	65.5	65.4	63.9	63.7	
SR30A	Shek Kwu Lung 4	G/F	13.4	69.2	69.2	68	68	
		2/F	18.8	69.2	69.2	68	68	
SR30B	Shek Kwu Lung 5	G/F	17.2	68.2	68.2	66.6	66.6	
		2/F	22.8	68.3	68.3	66.7	66.7	
SR30C	Shek Kwu Lung 6	G/F	31.2	66.7	66.7	65.5	65.5	
		2/F	36.8	68.6	68.6	67.6	67.6	
SR31	Shek Kwu Lung 2	G/F	9.9	63.7	63.7	62.5	62.5	
		2/F	15.3	64.2	64.2	62.9	62.9	
SR33	Shek Kwu Lung 3	G/F	33.2	74.1	74	72.2	58.7	
SR34	Pun Chun Yuen	G/F	58.8	66.6	66.5	64.8	64.8	
		1/F	61.5	66.6	66.6	64.8	64.8	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)							
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers				
SR35	Buddhist Tai Kwong Middle School	1/F	37.3	69.7	X	69.7	X	67.9	X	57.5	
SR36	Ma Wo	G/F	43.2	61.3		61.3		61.3		61.3	
		1/F	45.9	61.5		61.5		61.5		61.5	
SR38	Dynasty View 1	1/F	37.7	59.1		58.2		58.2		58.2	
		5/F	48.9	68.2		67.2		67.2		67.2	
		8/F	57.3	68.5		67.5		67.5		67.5	
SR39	The Paragon	1/F	37.3	63.9		63.7		62.6		62.6	
		5/F	48.5	68		67.8		66.6		66.6	
		9/F	59.7	68.2		68		66.7		66.7	
SR40	Grand Palisades	1/F	59	66.2		65.9		64.7		64.7	
		6/F	73	67.1		66.8		65.6		65.6	
		10/F	84.2	67.1		66.9		65.7		65.7	
SR41	Wong Shiu Chi Middle School	1/F	6.4	64.9		64.7		63.4		63.4	
		5/F	18.4	65.1		64.9		63.6		63.6	
SR42	Wan Tau Tong Estate - Wan Lam House 1	1/F	12.8	69.2		68.3		66.9		66.9	
		15/F	52	70		69.3		68.1		68.1	
		31/F	96.8	68.8		68.3		67.1		67.1	
SR43	Wan Tau Tong Estate - Wan Lam House 2	1/F	12.8	64.5		64.5		64.5		64.5	
		15/F	52	63.8		63.8		63.8		63.8	
		31/F	96.8	61.8		61.8		61.8		61.8	
SR44	Wan Tau Tong Estate - Wan Loi House	1/F	12.8	68.3		67.5		66.2		66.2	
		15/F	52	70.4		69.8		68.4		68.4	
		31/F	96.8	69.6		69.1		68		68	
SR45	HK Teacher's Association Secondary School	1/F	13.6	75.4	X	75.1	X	74.5	X	74.5	X
		6/F	28.6	75.4	X	75.1	X	74.4	X	74.4	X
SR46	Uptown Plaza	1/F	30.3	69.3		69.1		67.9		67.9	
		13/F	63.9	69.1		68.8		67.7		67.7	
		26/F	100	68.9		68.5		67.4		67.4	
SR47	Wang Fuk Court - Wang Cheong House 1	1/F	6.8	63.3		63.2		61.4		62.5	
		15/F	46	67.9		67.8		66.1		66.1	
		31/F	90.8	67.5		67.4		65.7		65.7	
SR48	Wang Fuk Court - Wang Cheong	1/F	6.8	0		0		0		0	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
	House 2							
		15/F	46	0	0	0	0	
		31/F	90.8	0	0	0	0	
SR49	Wang Fuk Court – Wang Cheong House 3	1/F	6.8	63.5	63.4	61.6	62.2	
		15/F	46	68	67.9	66.3	66.3	
		31/F	90.8	67.6	67.5	65.8	65.8	
SR50	Wang Fuk Court – Wang Tat House	1/F	6.8	64.8	64.6	63	63.4	
		15/F	46	67.9	67.7	66.1	66.1	
		31/F	90.8	67.4	67.3	65.8	65.8	
SR51	Wang Fuk Court – Wang Shing House	1/F	6.8	0	0	0	0	
		15/F	46	0	0	0	0	
		31/F	90.8	0	0	0	0	
SR52	Ha Wong Yi Au 1	G/F	29.2	68	67.8	66.2	66.2	
SR53	Ha Wong Yi Au 2	G/F	11	62.1	62	60.8	60.9	
		1/F	13.7	65.3	65.1	63.9	63.9	
SR54	Riverrain Bayside	G/F	8.5	72.6	72.4	71.4	71.4	
		2/F	14.1	73.2	73	72	72	
SR55	Dynasty View 2	1/F	37.7	54.3	54.3	54.3	54.3	
		4/F	46.1	56.5	56.5	56.5	56.5	
		8/F	57.3	57.9	57.9	57.9	57.9	
SR56	Monastery at Ma Wo	G/F	42.5	57.6	57.6	57.6	57.6	
		1/F	45.2	57.8	57.8	57.8	57.8	
SR57	King Nga Court – King Yuet House 1	1/F	14.6	64.3	64.2	62.9	62.9	
		18/F	62.2	64.3	64.2	62.9	62.9	
		36/F	113	63.9	63.8	62.5	62.5	
SR58	King Nga Court – King Yuet House 2	1/F	14.6	66.3	66.1	65	65	
		18/F	62.2	66.7	66.4	65.3	65.3	
		36/F	113	66.3	66.1	64.9	64.9	
SR59N	King Nga Court – King Yan House	1/F	14.6	66.6	66.4	65.5	65.5	
		18/F	62.2	66.5	66.3	65.3	65.3	
		36/F	113	66.1	65.8	64.9	64.9	
SR60	Tak Nga Court 1	1/F	16.3	64.4	64.3	62.9	62.9	

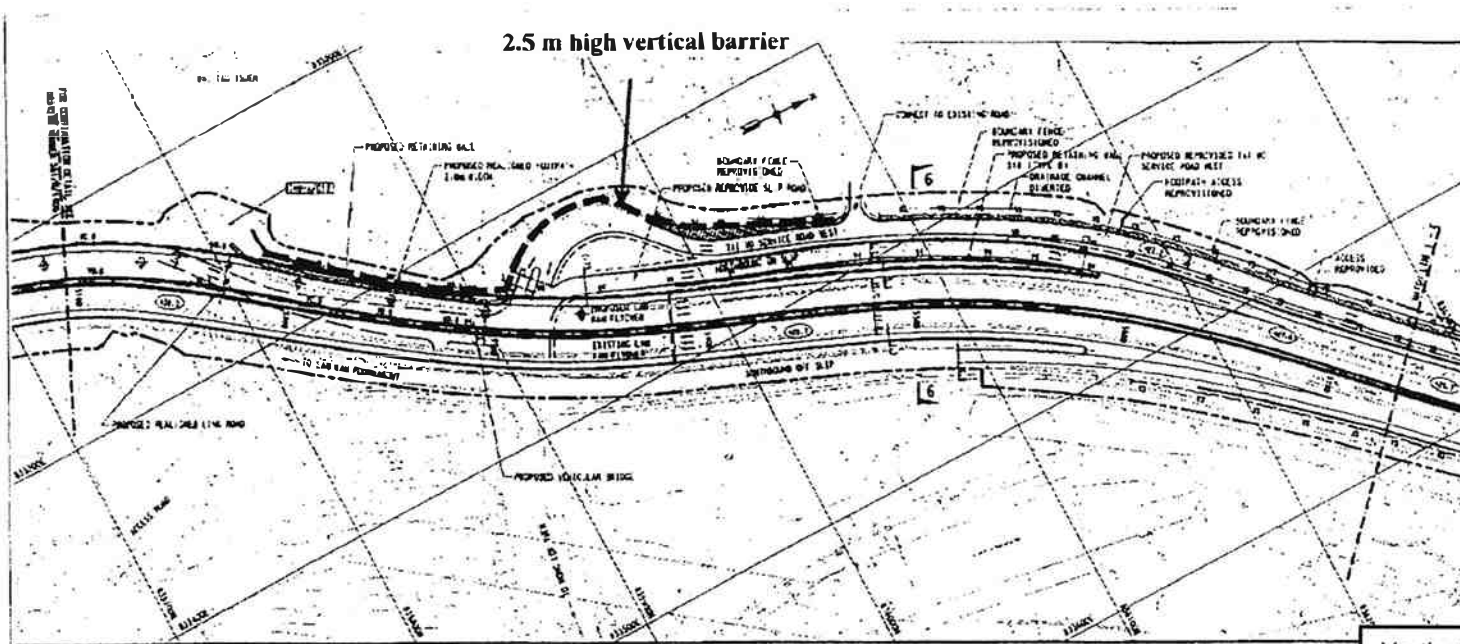
SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): +Temporar y Barriers	(C)
		17/F	61.1	64.5	64.4	63	63	
		34/F	109	64.1	64	62.5	62.5	
SR61	Tak Nga Court 2	1/F	16.3	64.4	64.2	62.7	62.7	
		17/F	61.1	64.4	64.3	62.8	62.8	
		34/F	109	64.1	63.9	62.4	62.4	
SR62	Ha Wun Yiu	G/F	29.6	68.9	68.4	67	67	
		1/F	32.3	69	68.4	67.1	67.1	
SR63	Lai Chi Shan	G/F	22.4	69	68.9	67.2	67.2	
		1/F	25.1	69	68.9	67.2	67.2	
SR64	Shan Tong New Village 1	G/F	44.3	65.9	65.7	64.9	64.9	
		2/F	49.7	68	67.7	66.9	66.9	
SR65	Shan Tong New Village 2	G/F	41.8	62.7	62.6	62.1	62.1	
		2/F	47.2	65.9	65.7	64.7	64.7	
SR66	P.L.K. Tin Ka Ping Primary School	1/F	14.6	66.3	X 66	X 65.4	65.4	
		6/F	29.6	66.2	X 66	X 65.4	65.4	
SR67	Redland Garden	1/F	29.4	59	58.9	57.7	57.7	
		6/F	43.4	59.3	59.2	58	58	
SR70	Kwong Fuk Estate - Kwong Lai House	1/F	9.7	60.6	60.4	58.5	58.5	
		12/F	40.5	61.9	61.7	60	60	
		23/F	71.3	62	61.9	60.2	60.3	
SR73	Island House Conservation Studies Centre	G/F	17.2	64	63.8	62.4	62.4	
		1/F	20.2	64.6	64.5	63.1	63.1	
SR75	Wong Kong Shan	G/F	15.7	63.7	63.6	62.8	62.8	
		1/F	18.4	63	62.9	61.9	61.9	
SR76	Yuen Leng 1	G/F	22	68.1	67.8	67.5	67.5	
		2/F	27.4	68.4	68.1	67.8	67.8	
SR77	Yuen Leng 2	G/F	23.9	64.9	64.7	64.4	64.4	
		2/F	29.3	65.3	65.1	64.8	64.8	
SR78	Dynasty View 3	1/F	33.7	59.1	59.1	59.1	59.1	
		5/F	44.9	52.2	52.2	52.2	52.2	
		8/F	53.3	55	55	55	55	
SR79	Care Village	G/F	5.6	65.7	65.5	64.7	64.7	
		2/F	11	70.3	70.2	69.3	69.3	

SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR80	Wai Tau Tsuen 3	G/F	26.2	75.3	75.3	75.2	75.2	
		2/F	31.6	75.3	75.3	75.3	75.3	
SR81	Wai Tau Tsuen 4	G/F	25.2	72.9	72.9	72.4	72.4	
		2/F	30.6	72.9	72.9	72.5	72.5	
SR82N	Tai Hang 5	G/F	24.2	73.5	73.5	71.5	71.5	
		2/F	29.6	73.2	73.2	71.2	71.2	
SR84	Nam Wa Po 2	G/F	19.7	67.7	67.5	67.2	66.9	
		2/F	25.1	68	67.8	67.5	67.2	
SR85	Nam Wa Po 3	G/F	23.1	65	64.8	64.6	64.5	
		2/F	28.5	65.5	65.4	65.2	65.1	
SR87	Tai Wo 2	G/F	26.1	67	67	66.6	66.6	
		2/F	31.5	67.2	67.2	66.8	66.8	
SR88	Wai Tau Tsuen 5	G/F	28.8	64.2	64.2	64.2	63.9	
		2/F	34.2	63.8	63.8	63.7	63.5	
SR89	Wai Tau Tsuen 6	G/F	29.3	63.9	63.9	63.9	63.9	
		2/F	34.7	63.6	63.6	63.6	63.6	
SR90	Wai Tau Tsuen 7	G/F	26.9	66	66	65.9	65.9	
		2/F	32.3	66.1	66.1	66	66	
SR93	SKH Mok Sau Tsang Secondary School	1/F	25.6	65.2	65	64.4	64.4	
		6/F	40.6	63.6	63.4	61.8	61.8	
SR94	Choi Hin To Primary School	1/F	15.5	57.6	57.6	57.6	57.6	
		5/F	27.5	57.2	57.2	57.2	57.2	
SR95B	Tai Po Normal School Memorial School 2	G/F	16.6	59.5	59.5	58.1	57.8	
SR100	KCRC Staff Quarters	G/F	10.2	60.5	60.4	60	60	
		3/F	19.2	57.8	57.7	56.2	56.2	
		6/F	28.2	58.3	58.2	56.8	56.8	
SR101	Chateau Royale	G/F	20.2	65.7	65.5	64.5	64.5	
		2/F	25.8	66	65.9	64.9	64.9	
SR103	Classical Garden	1/F	27.2	55	54.7	53.8	53.8	
		4/F	35.6	54.2	53.7	52.7	52.7	
		8/F	46.8	54.5	54	53	53	
SR104	Village House near Ma Wo 1	G/F	81.2	53.9	53.6	52.3	52.3	
SR105	Village House near Ma Wo 2	G/F	79.4	64.6	63.5	63.5	63.5	

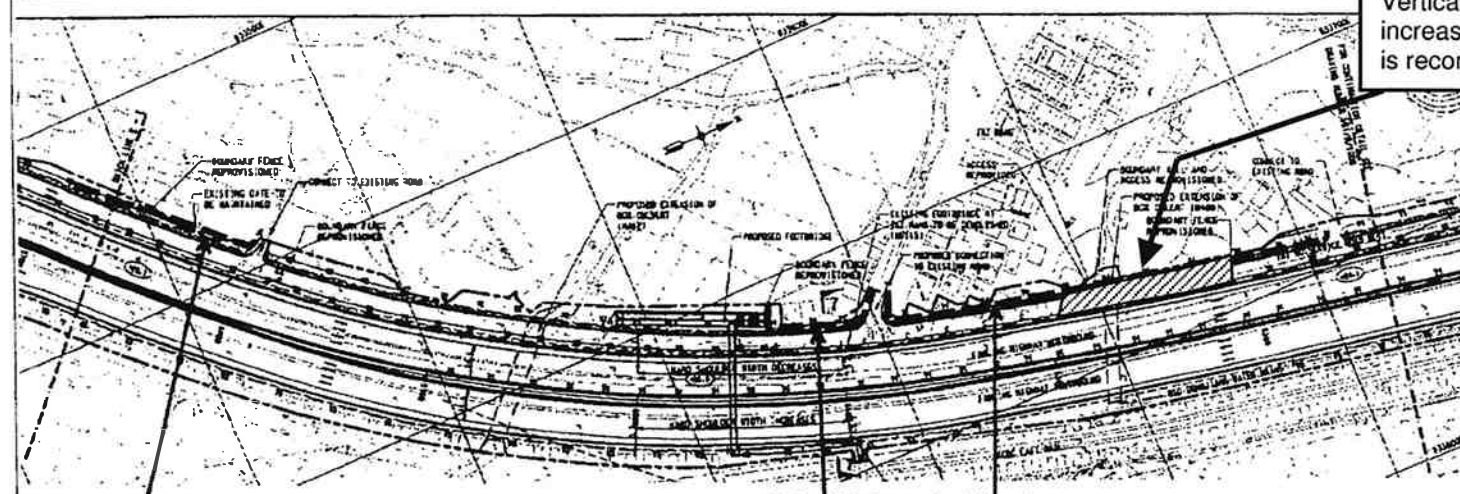
SR ID	Description	Floor	mPD	Predicted Construction Noise $L_{eq(30\text{ min})}$ dB(A)				
				(A): Silenced Equipment Only	(B): (A) + Plant Reduction	(C): (B) + %-On Time Reduction	(D): (C) +Temporar y Barriers	(C)
SR106	Village House near Shek Kwu Lung	G/F	39.2	64.9	64.9	64	64.4	
SR107	Village House near Hong Lok Yuen	G/F	27.1	70.3	70.3	70.3	70.3	
		1/F	29.8	70.6	70.6	70.6	70.6	
SR108	Tai Hang Village House	G/F	25.7	70.1	70.1	70	70	
		2/F	31.1	69.9	69.9	69.7	69.7	
SR109	Village House near Nam Wa Po	G/F	22.5	67.2	67.1	66.7	65.3	

Notes:

(1) x = Predicted construction noise levels exceed the relevant criterion



2.5 m high vertical barrier



3.5 m high vertical barrier

3.5 m high vertical barrier

Vertical barrier heights increased from 3.5m to 7m is recommended.

Drawn	Checked	Scale	NTS
Design	Drawn	Contract No.	HW
Drawn	Checked	Drawing No.	563
Author	For	Scale	NTS
Date	For	Scale	NTS

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Project:
Investigation Assignment for Widening of
Tolo Highway / Fanling Highway between
Inland House interchange and Farming

Proposed Locations of
Purpose-Built Noise Barriers
During Construction

Mott Connell
Scale NTS
Contract No. HW
Drawing No. 563