

ANNEX C

Construction Noise Calculations : Separation Distances from NSRS's

Tai Wai to Ma On Shan Extension - Construction Noise Calculation

Details of Separation Distance

NSR	Description	Distance to works (m):								Daytime Construction Noise Limit (dB(A))
		Alignment	S.L.S. ⁽¹⁾	Station	R.I. ⁽²⁾	F.B. ⁽³⁾	B.C. ⁽⁴⁾	S.W. ⁽⁵⁾	W.A. ⁽⁶⁾	
2	Keng Hau Road No.20-22	125	-	92	-	-	-	-	-	75
5	Hin Hing House Hin Keng Estate	200	-	201	-	-	-	-	-	75
7	Hin Yeung House Hin Keng Estate	163	-	220	-	-	-	-	-	75
9	Carmel Alison Lam Primary School	193	-	210	-	-	-	-	-	70
12	Scattered Residential Properties	80	-	130	-	-	-	-	-	75
13	Sha Tin Garden	165	-	175	-	-	-	-	-	75
16	Carado Garden Block 3	230	-	170	-	-	188	-	-	75
18	Scattered Residential Properties	52	-	95	-	-	209	-	-	75
20	Tin Sam Village Nos 184-187	155	-	95	-	-	79	-	-	75
21	Christian Alliance School	66	-	108	-	-	21	-	-	70
23	Holford Garden	152	-	190	-	-	112	-	-	75
24	Grandway Garden Block 2	90	-	55	-	-	-	90	-	75
26	Sun Ming House Sun Chui Estate	210	-	161	-	86	-	-	-	75
28	Sha Tin Tsung Tsin Secondary School & Ng Yuk Sec. School	145	130	95	67	117	-	-	-	70
34	Man Lai Court Block 2	83	101	165	104	-	-	-	-	75
38	San Tin Village	155	144	155	147	-	-	-	-	75
41	Koo Arm Temple	85	-	89	-	-	-	116	-	70
42	Lei Uk Tsuen No.11-15	53	-	65	-	-	-	103	263	75
43	Immaculate Heart of Mary School	106	227	140	103	-	-	-	-	70
50	Shek Yuk House Chun Shek Estate	75	-	65	65	-	34	77	140	75
52	Sha Tin Tau No.3-5	40	-	119	45	-	119	201	179	75
53	Ecclesia Bible College	143	-	174	138	-	212	255	151	70
55	Tsang Tai Uk	81	-	-	138	-	-	-	-	75
57	L.S.T. Chan Co Chak Primary School	53	-	-	-	-	-	-	-	70
58	Ming Shun Lau Jat Min Chuen	135	-	-	-	-	-	-	-	75
62	Pok Man House Pok Hong Estate	24	-	255	-	-	-	-	-	75
64	Tin Ka Ping Salvation Army Primary School	29	-	206	-	-	-	-	-	70
65	Pok Tai House Pok Hong Estate	108	-	169	-	-	-	-	-	75
67	Ming Yan Lau Jat Min Chuen	44	-	107	-	-	-	-	-	75
69	Pok Yue House Pok Hong Estate	47	-	47	-	-	-	-	-	75
75	Pok Tai House Pok Hong Estate	115	-	40	-	-	-	-	-	75
77	Osprey House Sha Kok Estate	108	-	108	-	-	-	-	-	75
78	Sand Martin House Sha Kok Estate	91	-	68	-	-	-	-	-	75
83	Sha Tin Wai Nos 1-2	58	-	125	-	-	-	-	-	75
84	Oriole House Sha Kok Estate	51	-	52	-	-	-	-	-	75
86	Ashley Garden	39	296	238	-	-	-	-	-	75
88	Inis Garden	30	228	292	-	-	-	-	-	75
90	Caritus H W Lee Care & Attention Centre	42	156	-	-	-	-	-	-	70
92	Wong Uk Village Nos. 3-4	42	87	-	-	-	-	-	-	75
92a	Wong Clan Ancestral Hall	62	60	-	-	-	-	-	-	70
93	Green Leaves Garden Block B	45	45	-	-	-	-	-	-	75
94	Prince of Wales Hospital	63	56	237	-	-	-	-	-	70
96	Prince of Wales Hospital Accommodation	191	268	209	-	-	-	-	-	75
97	Pamela Youde Child Assessment Centre/ School Dental Clinic	15	197	60	-	45	-	-	-	70
100	Yue Kwan House Yue Tin Court	75	294	42	-	59	-	-	-	75
101	Residential Development (WIP)	36	-	36	-	129	-	-	-	75
102	Yau Kam Yuen Prevocational School	40	-	27	-	221	-	-	-	70
109	Lam Kau Mow Secondary School	36	-	51	-	281	-	-	-	70
110	City One Sha Tin Block 36	73	-	150	-	-	-	-	-	75
111	City One Sha Tin Block 33	46	-	290	265	-	-	-	-	75
113	Planned Residential Development	75	-	69	61	-	-	-	136	75
123	Pictorial Garden Juniper Court	63	-	-	-	-	-	-	-	75
124	Sha Tin Hospital	66	-	-	-	-	-	-	-	70
126	Shatin Hospital Quarters	52	-	-	-	-	-	-	-	75
128	Fisherman's New Village No.113	77	-	-	-	-	-	-	-	75
129	Fisherman's New Village No. 3-4	76	-	-	-	-	-	-	-	75
133	Ma On Shan Tsung Tsin Secondary School	82	-	165	123	-	-	115	-	70
134	Tai Shui Hang Village No. 1-3	150	-	131	116	-	-	62	-	75
135	Kam Tai Court Block J (WIP)	109	-	89	61	-	-	61	-	75
136	Proposed Residential Development on Area 77	79	105	100	61	-	-	195	-	75
137	Proposed Residential Development to the South of Vista Paradise	52	-	157	143	-	-	292	134	75
138	Proposed Residential Development east of Area 86B	106	270	296	-	-	-	-	-	75
139	Proposed Health & Welfare Building & Undesignated "G" Site on Area 90B	51	-	51	32	-	-	15	128	75
140	Ngan On House Kam On Court	110	-	46	34	-	-	123	124	75
142	Chinese YMCA College	31	-	31	24	-	-	13	122	70
144	Vista Paradise	35	-	90	78	-	-	110	132	75
146	Toi Shan Association Wong Tat To Memorial School	64	-	215	200	-	-	225	120	70
149	St. Francis Church	74	-	299	-	-	-	-	290	70
153	Ma On Shan Area 90 Phase 6 Development	39	-	299	-	-	-	-	-	75
156	The Waterside	70	-	215	-	-	-	-	-	75
158	Sun Shine City Block L	68	-	90	-	-	-	-	-	75
159	Sun Shine City Block M	50	-	30	-	-	-	-	-	75
160	Tolo Place Block 4	30	-	45	-	-	-	-	-	75
162	Bayshores Towers Block 3	95	-	38	-	20	-	-	-	75
164	Fu Fai Garden Block 1	51	-	51	-	142	-	-	-	75
167	Ma On Shan Health Care & Elderly Centre	23	-	224	-	-	-	-	-	70
170	Villa Athena Block 5	41	-	-	-	-	-	-	-	75
171	Saddle Ridge Garden Block 5	67	-	-	-	-	-	-	-	75
173	Caritas Ma On Shan Practical School	47	-	-	-	-	-	-	-	70
174	Wu Kwai Sha New Village Nos. 1-3	67	-	-	-	-	-	-	-	75
175	Lung Sing House Kam Lung Court	60	300	-	-	-	-	-	-	75
177	Lee Wing House Lee On Estate	36	149	159	143	-	-	-	-	75
179	Residential Development to the East of Lee On Estate (WIP)	173	158	30	10	-	-	-	-	75
180	Li Po Chun United World College	238	-	280	-	-	-	-	-	70

Remarks:

⁽¹⁾ S.L.S. - Special Long Span Structure⁽²⁾ R.I. - Road Improvement Works⁽³⁾ F.B. - Footbridge Construction⁽⁴⁾ B.C. - Box Culvert Construction⁽⁵⁾ S.W. - Subway Construction⁽⁶⁾ W.A. - Works Area for Railway System Contractors