

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - KTN D1-7

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Vent, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
KTN D1-7	R2781	1	10	89	105	-48	41	83	60	-44	40	3	3	49
		2	13	89	105	-48	41	83	60	-44	40	3	3	49
		3	16	89	105	-48	41	83	60	-44	40	3	3	49
		4	19	89	105	-48	41	83	61	-44	39	3	3	49
		5	22	89	106	-48	41	83	61	-44	39	3	3	49
		6	25	89	106	-49	41	83	62	-44	39	3	3	49
		7	28	89	107	-49	41	83	63	-44	39	3	3	49
		8	31	89	107	-49	41	83	64	-44	39	3	3	49
		9	34	89	108	-49	41	83	65	-44	39	3	3	49
		10	37	89	108	-49	41	83	66	-44	39	3	3	49
		11	40	89	109	-49	41	83	67	-45	39	3	3	49
		12	43	89	110	-49	41	83	68	-45	38	3	3	49
		13	46	89	111	-49	41	83	70	-45	38	3	3	49
		14	49	89	112	-49	40	83	72	-45	38	3	3	48
		15	52	89	113	-49	40	83	73	-45	38	3	3	48
		16	55	89	114	-49	40	83	75	-46	38	3	3	48
		17	58	89	115	-49	40	83	77	-46	37	3	3	48
		18	61	89	117	-49	40	83	79	-46	37	3	3	48
		19	64	89	118	-49	40	83	81	-46	37	3	3	48
		20	67	89	119	-50	40	83	83	-46	37	3	3	48
		21	70	89	121	-50	40	83	85	-47	37	3	3	47
		22	73	89	122	-50	40	83	87	-47	36	3	3	47
		23	76	89	124	-50	40	83	89	-47	36	3	3	47
		24	79	89	126	-50	39	83	91	-47	36	3	3	47
		25	82	89	127	-50	39	83	94	-47	36	3	3	47

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

Tilt: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - KTN D1-7

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Vent, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
KTN D1-7	R2782	1	10	89	110	-49	41	83	90	-47	36	3	3	48
		2	13	89	110	-49	41	83	90	-47	36	3	3	48
		3	16	89	110	-49	41	83	90	-47	36	3	3	48
		4	19	89	110	-49	41	83	90	-47	36	3	3	48
		5	22	89	111	-49	41	83	91	-47	36	3	3	48
		6	25	89	111	-49	41	83	91	-47	36	3	3	48
		7	28	89	111	-49	40	83	92	-47	36	3	3	48
		8	31	89	112	-49	40	83	92	-47	36	3	3	48
		9	34	89	113	-49	40	83	93	-47	36	3	3	48
		10	37	89	113	-49	40	83	94	-47	36	3	3	48
		11	40	89	114	-49	40	83	95	-48	36	3	3	48
		12	43	89	115	-49	40	83	96	-48	35	3	3	47
		13	46	89	116	-49	40	83	97	-48	35	3	3	47
		14	49	89	117	-49	40	83	98	-48	35	3	3	47
		15	52	89	118	-49	40	83	99	-48	35	3	3	47
		16	55	89	119	-49	40	83	101	-48	35	3	3	47
		17	58	89	120	-50	40	83	102	-48	35	3	3	47
		18	61	89	121	-50	40	83	103	-48	35	3	3	47
		19	64	89	123	-50	40	83	105	-48	35	3	3	47
		20	67	89	124	-50	40	83	107	-49	35	3	3	47
		21	70	89	125	-50	39	83	108	-49	34	3	3	47
		22	73	89	127	-50	39	83	110	-49	34	3	3	47
		23	76	89	128	-50	39	83	112	-49	34	3	3	46
		24	79	89	130	-50	39	83	113	-49	34	3	3	46
		25	82	89	131	-50	39	83	115	-49	34	3	3	46

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

Tilt: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - KTN D1-5

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Vent, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
KTN D1-5	R3803	1	8	89	135	-51	39	83	90	-47	36	3	3	47
		2	11	89	135	-51	39	83	90	-47	36	3	3	47
		3	14	89	135	-51	39	83	90	-47	36	3	3	47

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FN-10

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FN-10	R4161	1	10	88	145	-51	3	3	43
		2	13	88	145	-51	3	3	43
		3	16	88	145	-51	3	3	43

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FLN B1-7

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FLN B1-7	R9031	1	12	88	65	-44	3	3	50
		2	15	88	65	-44	3	3	50
		3	18	88	65	-44	3	3	50
		4	21	88	66	-44	3	3	50
		5	24	88	66	-44	3	3	50
		6	27	88	67	-44	3	3	50
		7	30	88	67	-45	3	3	50
		8	33	88	68	-45	3	3	50
		9	36	88	69	-45	3	3	49
		10	39	88	70	-45	3	3	49
		11	42	88	72	-45	3	3	49
		12	45	88	73	-45	3	3	49

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FN-18

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FN-18	R4242	1	7	93	110	-49	3	3	50
		2	10	93	110	-49	3	3	50
		3	13	93	110	-49	3	3	50

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study  
Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FLN B2-4

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FLN B2-7	R9035	1	13	93	145	-51	42	3	3	48
		2	16	93	145	-51	42	3	3	48
		3	19	93	145	-51	42	3	3	48
		4	22	93	145	-51	42	3	3	48
		5	25	93	145	-51	42	3	3	48
		6	28	93	146	-51	42	3	3	48
		7	31	93	146	-51	42	3	3	48
		8	34	93	146	-51	42	3	3	48
		9	37	93	147	-51	41	3	3	47
		10	40	93	147	-51	41	3	3	47
		11	43	93	148	-51	41	3	3	47
		12	46	93	149	-51	41	3	3	47
		13	49	93	149	-51	41	3	3	47
		14	52	93	150	-52	41	3	3	47
		15	55	93	151	-52	41	3	3	47
		16	58	93	152	-52	41	3	3	47
		17	61	93	153	-52	41	3	3	47
		18	64	93	154	-52	41	3	3	47
		19	67	93	155	-52	41	3	3	47
		20	70	93	156	-52	41	3	3	47
		21	73	93	157	-52	41	3	3	47
		22	76	93	158	-52	41	3	3	47
		23	79	93	159	-52	41	3	3	47
		24	82	93	160	-52	41	3	3	47
		25	85	93	162	-52	41	3	3	47
		26	88	93	163	-52	41	3	3	47
		27	91	93	165	-52	41	3	3	47
		28	94	93	166	-52	40	3	3	46
		29	97	93	167	-52	40	3	3	46
		30	100	93	169	-53	40	3	3	46
		31	103	93	171	-53	40	3	3	46
		32	106	93	172	-53	40	3	3	46
		33	109	93	174	-53	40	3	3	46
		34	112	93	175	-53	40	3	3	46
		35	115	93	177	-53	40	3	3	46

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study  
 Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FN-22

NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FN-22	R4316	1	15	98	190	-54	3	3	50
		2	18	98	190	-54	3	3	50
		3	21	98	190	-54	3	3	50
		4	24	98	190	-54	3	3	50
		5	27	98	190	-54	3	3	50
		6	30	98	191	-54	3	3	50
		7	33	98	191	-54	3	3	50
		8	36	98	191	-54	3	3	50
		9	39	98	192	-54	3	3	50
		10	42	98	192	-54	3	3	50



Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study  
 Title: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FLN B3-12

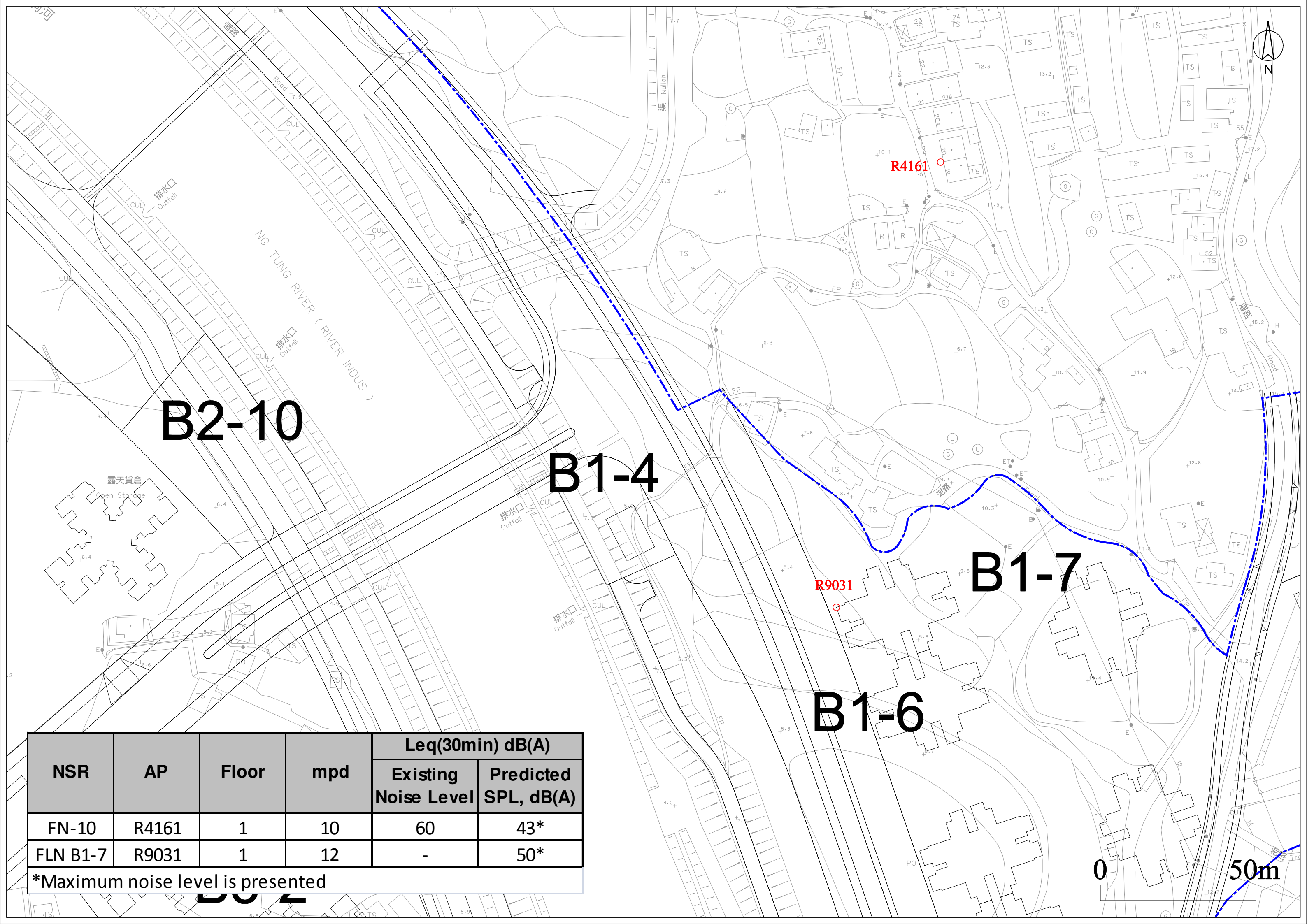
NSR	AP	Floor	Floor Level, mpd	SPS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FLN B3-12	R5283	1	9	98	220	-55	43	3	3	49
		2	12	98	220	-55	43	3	3	49
		3	15	98	220	-55	43	3	3	49
		4	18	98	220	-55	43	3	3	49
		5	21	98	221	-55	43	3	3	49
		6	24	98	221	-55	43	3	3	49
		7	27	98	221	-55	43	3	3	49
		8	30	98	222	-55	43	3	3	49

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study

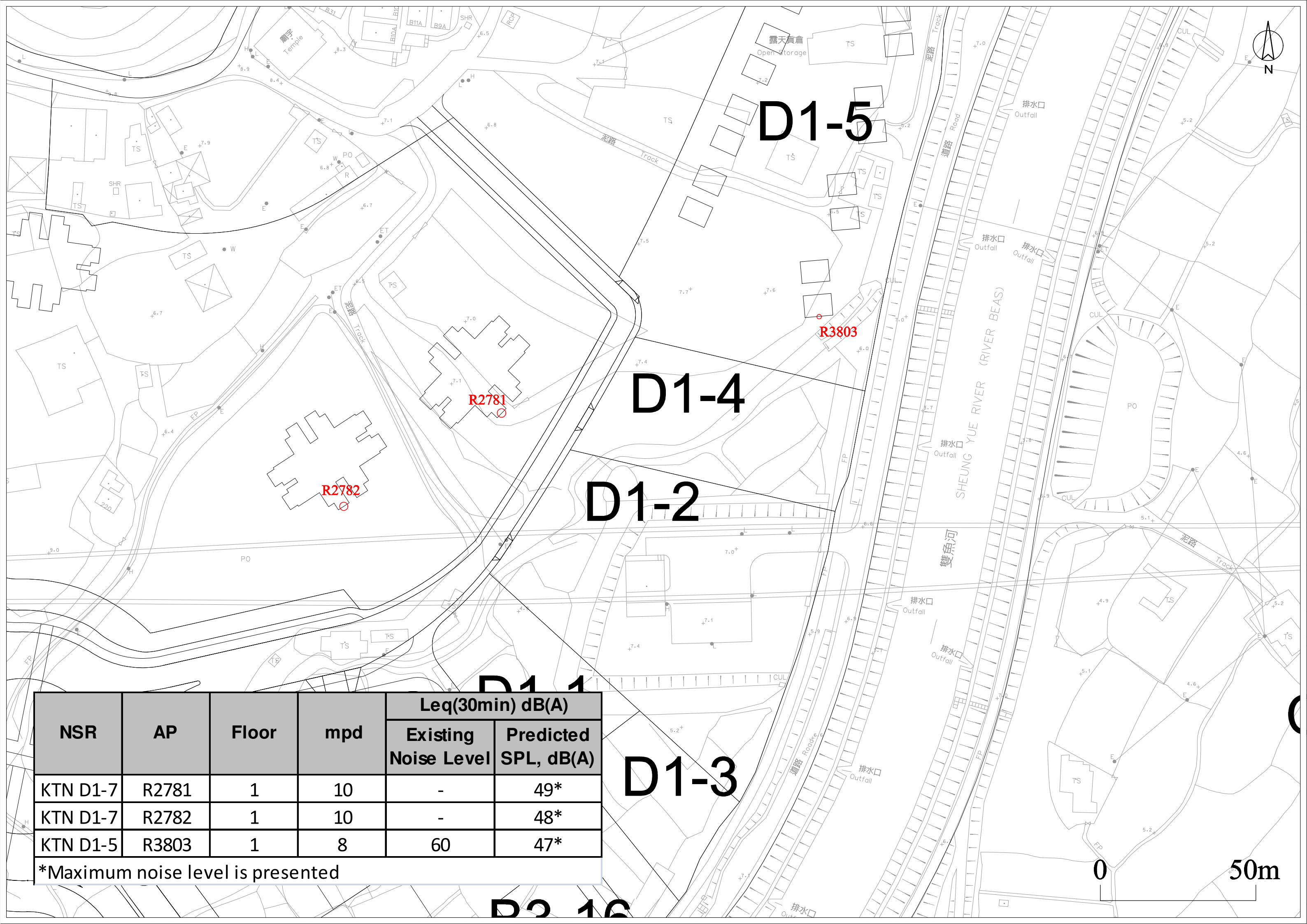
Titile: Predicted Sound Pressure Level from Sewage Pumping Station / Pumping Station (KTN D1-3, FLN A1-2, FLN A1-6, FLNB1-4, FLN B2-3, FLN C2-3)

Predicted SPL at NSRs at Various Floor Levels - FLN A1-9

NSR	AP	Floor	Floor Level, mpd	Vertical Separation Distance, m	SPS, dB(A)	Horizontal Separation Distance, m	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
FLN A1-9	R9028	1	6	0	86	50	50	-42	44	3	3	50
		2	9	3	86	50	50	-42	44	3	3	50
		3	12	6	86	50	50	-42	44	3	3	50

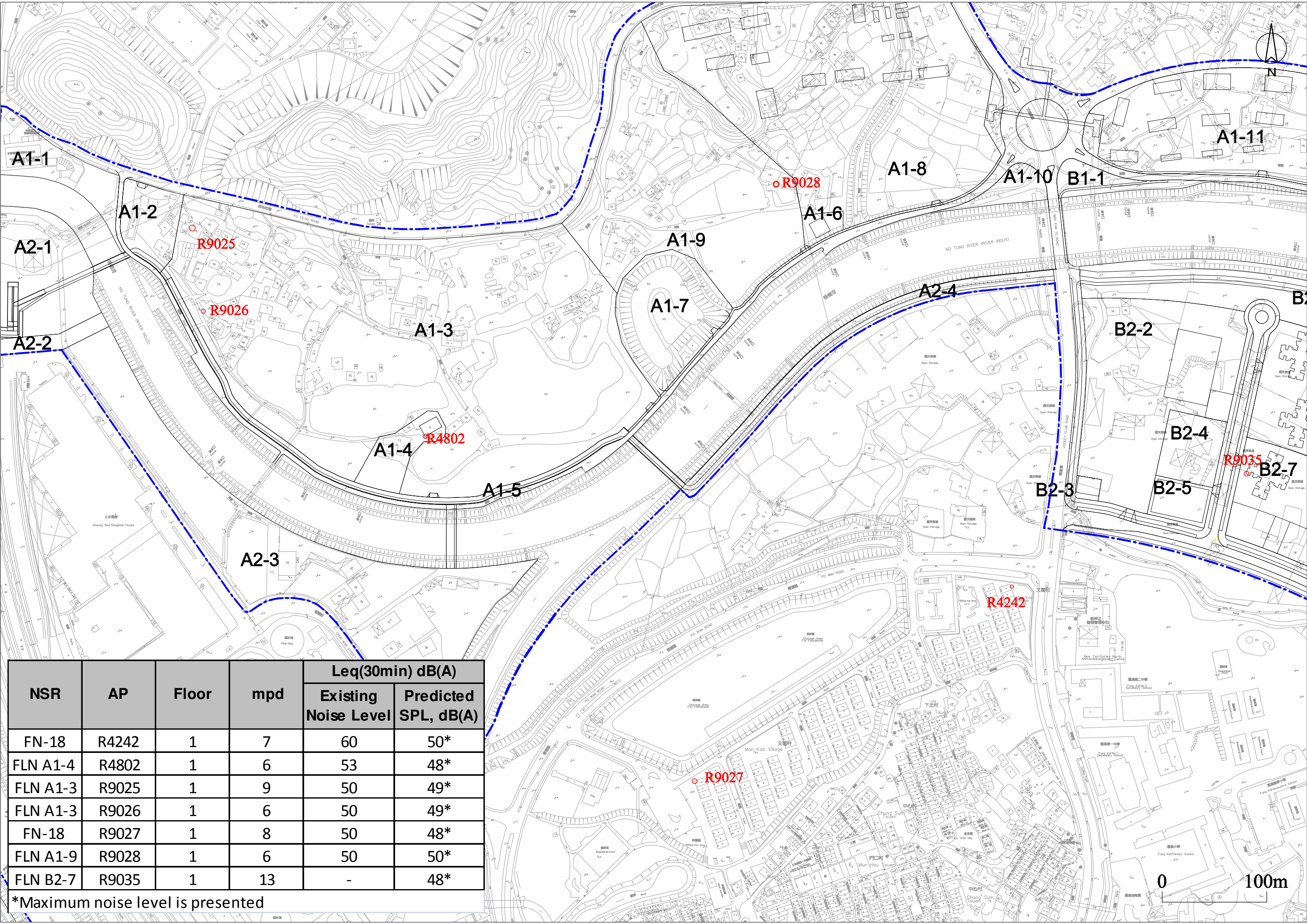


NSR	AP	Floor	mpd	Leq(30min) dB(A)	
				Existing Noise Level	Predicted SPL, dB(A)
FN-10	R4161	1	10	60	43*
FLN B1-7	R9031	1	12	-	50*
*Maximum noise level is presented					



NSR	AP	Floor	mpd	Leq(30min) dB(A)	
				Existing Noise Level	Predicted SPL, dB(A)
KTN D1-7	R2781	1	10	-	49*
KTN D1-7	R2782	1	10	-	48*
KTN D1-5	R3803	1	8	60	47*
*Maximum noise level is presented					





NSR	AP	Floor	mpd	Leq(30min) dB(A)	
				Existing Noise Level	Predicted SPL, dB(A)
FN-18	R4242	1	7	60	50*
FLN A1-4	R4802	1	6	53	48*
FLN A1-3	R9025	1	9	50	49*
FLN A1-3	R9026	1	6	50	49*
FN-18	R9027	1	8	50	48*
FLN A1-9	R9028	1	6	50	50*
FLN B2-7	R9035	1	13	-	48*

\*Maximum noise level is presented





馬草壟  
MA TSO LUNG

墓地  
Graves

R1501

R2848

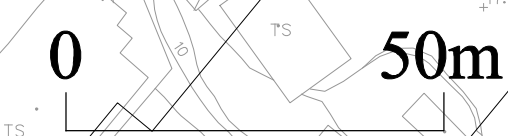
F1-8

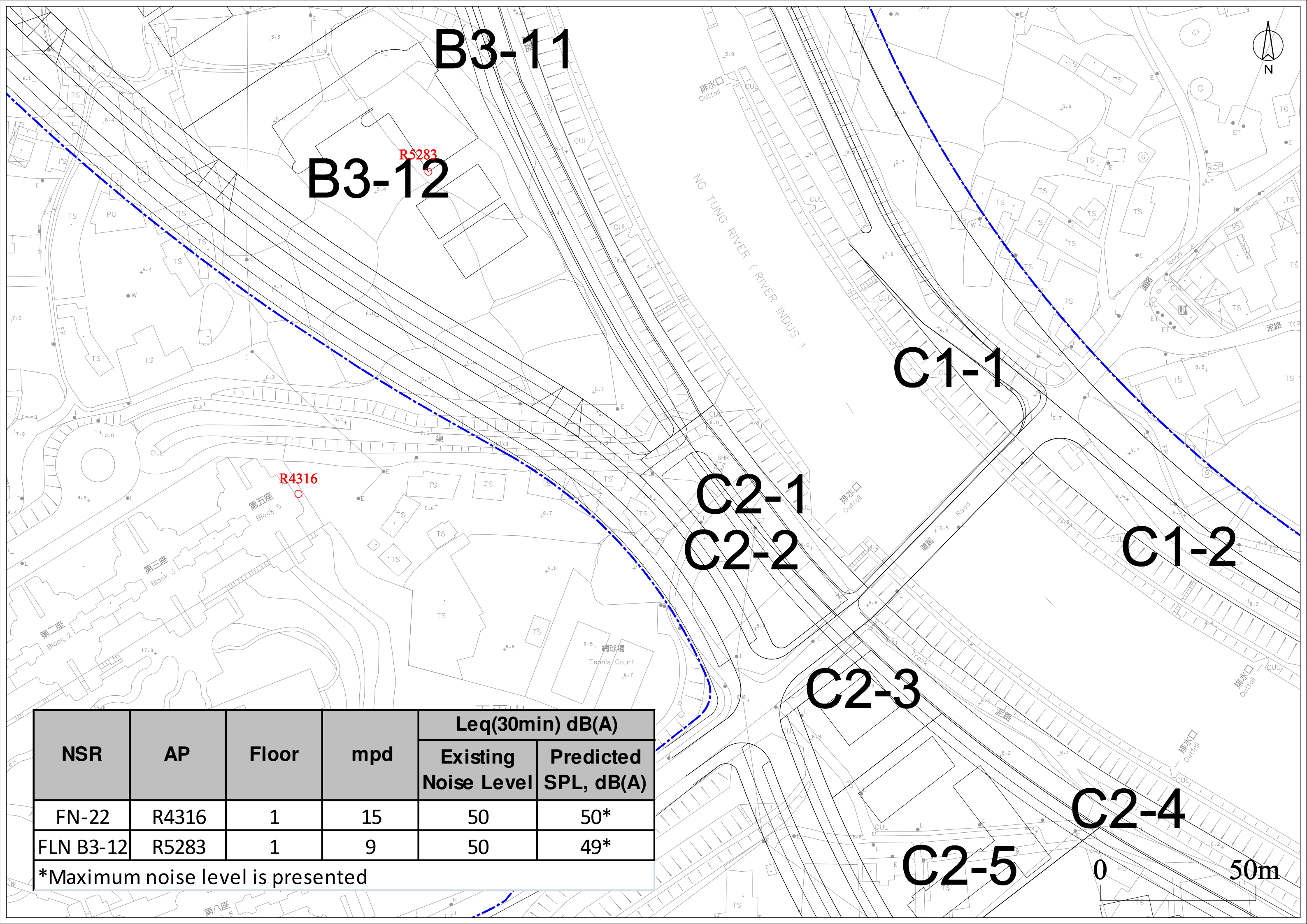
F1-2

F1-1

NSR	AP	Floor	mpd	Leq(30min) dB(A)	
				Existing Noise Level	Predicted SPL, dB(A)
KTN F1-3	R2848	1	11	54	56*
KTN-45	R1501	1	12	46	54*

\*Maximum noise level is presented





NSR	AP	Floor	mpd	Leq(30min) dB(A)	
				Existing Noise Level	Predicted SPL, dB(A)
FN-22	R4316	1	15	50	50*
FLN B3-12	R5283	1	9	50	49*
*Maximum noise level is presented					