YTB Development - Hotel 5

T2 Louvres:
East Ventilation Building
Cumulative Impact
TKO-LTT Sewerage Pumping Station
TKO-LTT Drainage Pumping Station

SWL of Louvre 104

Operation	Fived	Plant	Nois
Operation	Fixeu	1 min	14013

vectiontion	elopment - Trunk Road T2 and Infrastructure at South Apron								
oeration Fi	, Design and Construction xed Plant Noise								
NSR No.	ilation Building NSR Name	Use	Area Sensitive Rating	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact	-		
ΓD 1	Centre of Excellence in Paediatric	Clinic	С	65 Distance from Ventilation	55	40 Façade Screening		Silencer / Acoustic	
	T2 Louvres: West Ventilation Building	SWL of Louvre 104	Quantity 1	Shaft 274.1	Distance Attenuation -57	Correction Correction 3 0	Tonality 0	Treatment 0 Total:	SPL 40 40
NSR No.	NSR Name	Use	Area Sensitive Rating	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact		=	
D 3	Centre of Excellence in Neuroscience G/IC Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	Clinic	C	65	55	41	•		
	T2 Louvres: West Ventilation Building	SWL of Louvre	Quantity	Distance from Ventilation Shaft	Distance Attenuation	Façade Screening Correction Correction	Tonality	Silencer / Acoustic Treatment	SPL
	West Ventuation Building	104	1	240.1	-56	3 0	0	0 Total:	41 41
NSR No.	NSR Name G/IC Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	Use Hospital	Area Sensitive Rating C	Acceptable Noise Level (Daytime) dB(A) 65	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact 46			
	T2 Louvres:	SWL of Louvre	Quantity	Distance from Ventilation Shaft	Distance Attenuation	Façade Screening Correction Correction	Tonality	Silencer / Acoustic Treatment	SPL
	West Ventilation Building	104	Quantity	143.5	-51	3 0	0	0 Total:	46 46
NSR No.	NSR Name	Use	Area Sensitive Rating	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact			
TD 5	G/IC Zone next to Kwun Tong Bypass (Future Hospital at Site 3C1)	Hospital	c	65 Distance from Ventilation	55	48 Façade Screening	-	Silencer / Acoustic	
	T2 Louvres: West Ventilation Building	SWL of Louvre 104	Quantity 1	Shaft 115.9	Distance Attenuation -49	Correction Correction 3 0	Tonality 0	Treatment 0	SPL 48
ıst Venti	lation Building							Total:	48
NSR No.	NSR Name	Use Residential	Area Sensitive Rating C	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact 46	•		
15 1	KMS Development - Residential 1	1	1	Distance from Ventilation		Façade Screening		Silencer / Acoustic	
	T2 Louvres: East Ventilation Building Cumulative Impact	SWL of Louvre 104	Quantity 1	Shaft 185.7	Distance Attenuation -53	Correction Correction 3 0	Tonality 0	Treatment 0	SPL 44
	TKO-LTT Sewerage Pumping Station TKO-LTT Drainage Pumping Station	99 99	1	183.5 279.2	-53 -57	3 0	3	0 0 Total:	42 38 46
NSR No.	NSR Name	Use	Area Sensitive	Acceptable Noise Level	Acceptable Noise Level	Total Operational Fixed Plant Noise		10tal. <u>=</u>	40
dS 2	KMS Development - Residential 2	Residential	Rating C	(Daytime) dB(A) 65	(Night Time) dB(A)*	Impact 48			
	T2 Louvres: East Ventilation Building	SWL of Louvre	Quantity	Distance from Ventilation Shaft 159.3	Distance Attenuation -52	Façade Screening Correction Correction	Tonality	Silencer / Acoustic Treatment	SPL
	Cumulative Impact TKO-LTT Sewerage Pumping Station	104	1	152.9	-52	3 0	3	0	45
	TKO-LTT Drainage Pumping Station	99	1	247.5	-56	3 0	3	0 Total:	39 48
NSR No.	NSR Name	Use	Area Sensitive Rating	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact 48			
VIS 3	KMS Development - Residential 3	Residential	С	65 Distance from Ventilation	55	Façade Screening		Silencer / Acoustic	
	T2 Louvres: East Ventilation Building Cumulative Impact	SWL of Louvre 104	Quantity 1	Shaft 155.5	Distance Attenuation -52	Correction Correction 3 0	Tonality 0	Treatment 0	SPL 45
	TKO-LTT Sewerage Pumping Station TKO-LTT Drainage Pumping Station	99 99	1	143.9 236.3	-51 -55	3 0 3 0	3	0 0 Total:	44 40 48
NSR No.	NSR Name	Use	Area Sensitive Rating	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact		10tal. <u>=</u>	40
В 1	YTB Development - Hotel I	Residential	c	65 Distance from Ventilation	55	40 Façade Screening		Silencer / Acoustic	
	T2 Louvres: East Ventilation Building	SWL of Louvre 104	Quantity 1	Shaft 284.5	Distance Attenuation -57	Correction Correction 3 0	Tonality 0	Treatment 0	SPL 40
	Cumulative Impact TKO-LTT Sewerage Pumping Station TKO-LTT Drainage Pumping Station	99 99	1	-	-	3 0	3	0	0
			Area Sensitive	Acceptable Noise Level	Acceptable Noise Level	Total Operational Fixed Plant Noise		Total:	40
NSR No.	NSR Name YTB Development - Hotel 2	Use Residential	Rating C	(Daytime) dB(A)	(Night Time) dB(A)*	Impact 40			
	T2 Louvres:	SWL of Louvre	Quantity	Distance from Ventilation Shaft	Distance Attenuation	Façade Screening Correction Correction	Tonality	Silencer / Acoustic Treatment	SPL
	East Ventilation Building Cumulative Impact TKO-LTT Sewerage Pumping Station	104	1	279.8	-57	3 0	3	0	40
	TKO-LTT Drainage Pumping Station	99	1		-	3 0	3	0 Total:	0 40
NSR No.	NSR Name	Use	Area Sensitive Rating	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact			
В 3	YTB Development - Hotel 3	Residential	С	65 Distance from Ventilation	55	40 Façade Screening		Silencer / Acoustic	
	T2 Louvres: East Ventilation Building Cumulative Impact	SWL of Louvre 104	Quantity 1	Shaft 272.7	Distance Attenuation -57	Correction Correction 3 0	Tonality 0	Treatment 0	SPL 40
	TKO-LTT Sewerage Pumping Station TKO-LTT Drainage Pumping Station	99 99	1			3 0 3 0	3	0	0
			Area Sensitive	Acceptable Noise Level	Acceptable Noise Level	Total Operational Fixed Plant Noise		Total:	40
NSR No. FB 4	NSR Name YTB Development - Hotel 4	Use Residential	Rating C	(Daytime) dB(A)	(Night Time) dB(A)*	Impact 40			
	T2 Louvres:	SWL of Louvre	Quantity	Distance from Ventilation Shaft	Distance Attenuation	Façade Screening Correction Correction	Tonality	Silencer / Acoustic Treatment	SPL
	East Ventilation Building Cumulative Impact TKO-LTT Sewerage Pumping Station	104	1	274.1	-57	3 0	3	0	40
	TKO-LTT Drainage Pumping Station	99	1		-	3 0	3	0 Total:	0 40
NSR No.	NSR Name	Use	Area Sensitive	Acceptable Noise Level (Daytime) dB(A)	Acceptable Noise Level (Night Time) dB(A)*	Total Operational Fixed Plant Noise Impact			

Façade Screening
Correction Correction Tonality
3 0 0

Silencer / Acousti Treatment

SPL 40