

Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 1)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	16	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																					
Facade Orientation Facing		East					North					West				South					
Wall Orientation Factor		1.07					0.79					1.13				0.98					
Total External Wall Area (Residential Units)		504.62 m ²		Window to Wall Ratio= 0.23			1283.92 m ²		Window to Wall Ratio= 0.52			271.42 m ²		Window to Wall Ratio= 0.30		1700.97 m ²		Window to Wall Ratio= 0.51			
Total Window Factor		118.58 m ²					666.58 m ²					81.85 m ²				873.34 m ²					
Heat Conduction	Opaque Wall	3.01 W/m ²					1.04 W/m ²					2.94 W/m ²				1.38 W/m ²					
	Window	0.82 W/m ²					1.33 W/m ²					1.09 W/m ²				1.63 W/m ²					
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 30.24 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 344.1 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 15.26 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 502.2 m ²	SC= 0.69	VLT= 56 %	ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey	Area= 46.48 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 37.85 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 21.02 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 41.87 m ²	SC= 0.64	VLT= 50 %	ER= 6 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 107.2 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 73.99 m ²	SC= 0.6	VLT= 48 %	ER= 5 %
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 41.87 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 177.4 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 38.59 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 255.3 m ²	SC= 0.65	VLT= 54 %	ER= 6 %
	Double Glazing	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
External Shading	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Overhang	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Overhang	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sidefin	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sidefin	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Solar Radiation through Glazing		6.90 W/m ²					11.13 W/m ²					8.99 W/m ²				12.13 W/m ²					
Average Absorptivity		0.42					0.42					0.42				0.42					
RTTV _{wall} at each facade		10.73 W/m ²					13.50 W/m ²					13.02 W/m ²				15.13 W/m ²					
Overall RTTV _{wall}		13.58 W/m ²																			

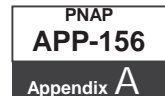
Table 3

RTTV _{roof}									
Roof Orientation Factor		2.16							
Total Roof Area (Residential Units)		300.30 m ²							
Total Skylight Area		0.00 m ²							
Heat Conduction	Roof	2.57 W/m ²							
	Skylight	0.00 W/m ²							
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	m ²	SC=	VLT=	%	ER=	%
		<input type="checkbox"/> Tinted	Area=	m ²	SC=	VLT=	%	ER=	%
		<input type="checkbox"/> Clear	Area=	m ²	SC=	VLT=	%	ER=	%
	Double Glazing	<input type="checkbox"/> Yes				<input type="checkbox"/> No			
External Shading	<input type="checkbox"/> Yes				<input type="checkbox"/> No				
Solar Radiation through Glazing		0.00 W/m ²							
Average Absorptivity (roof)		0.7							
Overall RTTV _{roof}		2.57 W/m ²							



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



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RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	16	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																		
Facade Orientation Facing		South East				South West				North West				North East				
Wall Orientation Factor		1.05				1.09				0.97				0.92				
Total External Wall Area (Residential Units)		468.38 m ²		Window to Wall Ratio= 0.25		1373.48 m ²		Window to Wall Ratio= 0.40		590.57 m ²		Window to Wall Ratio= 0.30		1196.07 m ²		Window to Wall Ratio= 0.59		
Total Window Factor		117.02 m ²				542.74 m ²				145.66 m ²				529.23 m ²				
Heat Conduction	Opaque Wall	3.39 W/m ²				2.10 W/m ²				3.02 W/m ²				2.44 W/m ²				
	Window	0.86 W/m ²				1.40 W/m ²				0.78 W/m ²				1.33 W/m ²				
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 48.84 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 254.5 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 73.43 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 290.8 m ²	SC= 0.69	VLT= 56 % ER= 6 %	
		<input checked="" type="checkbox"/> Crystal Grey	Area= 23.17 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 37.74 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 28.14 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 38.22 m ²	SC= 0.64	VLT= 50 % ER= 6 %	
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 33.49 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 55.65 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 125.9 m ²	SC= 0.6	VLT= 48 % ER= 5 %	
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 11.52 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 194.9 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 44.08 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 74.27 m ²	SC= 0.65	VLT= 54 % ER= 6 %	
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	External Shading	Overhang	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		Sidefin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Solar Radiation through Glazing		6.78 W/m ²				11.35 W/m ²				6.64 W/m ²				10.15 W/m ²			
	Average Absorptivity		0.42				0.42				0.42				0.42			
	RTTV _{wall} at each facade		11.02 W/m ²				14.84 W/m ²				10.44 W/m ²				13.92 W/m ²			
Overall RTTV _{wall}		13.58 W/m ²																

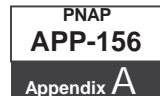
Table 3

RTTV _{roof}							
Roof Orientation Factor		2.16					
Total Roof Area (Residential Units)		300.30 m ²					
Total Skylight Area		0.00 m ²					
Heat Conduction	Roof	2.57 W/m ²					
	Skylight	0.00 W/m ²					
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %	
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %	
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %	
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No		
External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No			
Solar Radiation through Glazing		0.00 W/m ²					
Average Absorptivity (roof)		0.7					
Overall RTTV _{roof}		2.57 W/m ²					



RTTV Summary Sheet

Notes:
 ER = External Reflectance
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Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 2)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	16	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																	
Facade Orientation Facing	East				North				West				South				
Wall Orientation Factor	1.07				0.79				1.13				0.98				
Total External Wall Area (Residential Units)	461.68 m ²		Window to Wall Ratio=		678.41 m ²		Window to Wall Ratio=		222.27 m ²		Window to Wall Ratio=		957.25 m ²		Window to Wall Ratio=		
Total Window Factor	73.50 m ²		0.16		387.06 m ²		0.57		13.10 m ²		0.06		482.86 m ²		0.50		
Heat Conduction	Opaque Wall 4.13 W/m ²				1.14 W/m ²				5.32 W/m ²				1.80 W/m ²				
	Window 0.56 W/m ²				1.47 W/m ²				0.22 W/m ²				1.60 W/m ²				
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 25.6 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 242 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 13.1 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	
		<input checked="" type="checkbox"/> Crystal Grey	Area= 40.64 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 18.47 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 2.93 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 53.46 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 4.33 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 73.15 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Solar Radiation through Glazing	4.68 W/m ²				12.39 W/m ²				1.44 W/m ²				11.61 W/m ²			
	Average Absorptivity	0.42				0.42				0.42				0.42			
	RTTV _{wall} at each facade	9.37 W/m ²				15.00 W/m ²				6.98 W/m ²				15.01 W/m ²			
Overall RTTV _{wall}	13.58 W/m ²																

Table 3

RTTV _{roof}							
Roof Orientation Factor	2.16						
Total Roof Area (Residential Units)	276.30 m ²						
Total Skylight Area	0.00 m ²						
Heat Conduction	Roof	2.57 W/m ²					
	Skylight	0.00 W/m ²					
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area=	m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area=	m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes		<input type="checkbox"/> No			
External Shading	<input type="checkbox"/> Yes		<input type="checkbox"/> No				
Solar Radiation through Glazing	0.00 W/m ²						
Average Absorptivity (roof)	0.7						
Overall RTTV _{roof}	2.57 W/m ²						



RTTV Summary Sheet

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RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	16	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																					
Facade Orientation Facing		South East				South West				North West				North East							
Wall Orientation Factor		1.05				1.09				0.97				0.92							
Total External Wall Area (Residential Units)		261.94 m ²		Window to Wall Ratio		2187.06 m ²		Window to Wall Ratio		541.14 m ²		Window to Wall Ratio		1995.76 m ²		Window to Wall Ratio					
Total Window Factor		14.95 m ²		0.06		1016.20 m ²		0.46		56.80 m ²		0.10		974.68 m ²		0.49					
Heat Conduction	Opaque Wall	4.95 W/m ²				2.26 W/m ²				4.18 W/m ²				1.75 W/m ²							
	Window	0.20 W/m ²				1.66 W/m ²				0.33 W/m ²				1.48 W/m ²							
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 14.95 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 716.1 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 18.49 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 671.1 m ²	SC= 0.69	VLT= 56 %	ER= 6 %
		<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 14.93 m ²	SC= 14.93	VLT= 50 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 38.3 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 28.35 m ²	SC= 0.64	VLT= 50 %	ER= 6 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0	SC= 0.6	VLT= 48 %	ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 81.03	SC= 81.03	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0	SC= 0.6	VLT= 48 %	ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 78.71	SC= 0.6	VLT= 48 %	ER= 5 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 204.1 m ²	SC= 204.1	VLT= 54 %	ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 201.7 m ²	SC= 0.65	VLT= 54 %	ER= 6 %
		Double Glazing	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			
	External Shading	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
		Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Sidefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
	Solar Radiation through Glazing		1.08 W/m ²				12.57 W/m ²				2.78 W/m ²				11.61 W/m ²						
	Average Absorptivity		0.42				0.42				0.42				0.42						
	RTTV _{wall} at each facade		6.23 W/m ²				16.50 W/m ²				7.29 W/m ²				14.85 W/m ²						
Overall RTTV _{wall}		13.58 W/m ²																			

Table 3

RTTV _{roof}							
Roof Orientation Factor		2.16					
Total Roof Area (Residential Units)		276.30 m ²					
Total Skylight Area		0.00 m ²					
Heat Conduction	Roof	2.57 W/m ²					
	Skylight	0.00 W/m ²					
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	m ²	SC=	VLT=	ER=
		<input type="checkbox"/> Tinted	Area=	m ²	SC=	VLT=	ER=
		<input type="checkbox"/> Clear	Area=	m ²	SC=	VLT=	ER=
	Double Glazing	<input type="checkbox"/> Yes			<input type="checkbox"/> No		
	External Shading	<input type="checkbox"/> Yes			<input type="checkbox"/> No		
Solar Radiation through Glazing		0.00 W/m ²					
Average Absorptivity (roof)		0.7					
Overall RTTV _{roof}		2.57 W/m ²					



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 3)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	18	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																	
Facade Orientation Facing	East				North				West				South				
Wall Orientation Factor	1.07				0.79				1.13				0.98				
Total External Wall Area (Residential Units)	2326.26 m ²		Window to Wall Ratio= 0.50		682.62 m ²		Window to Wall Ratio= 0.14		2122.84 m ²		Window to Wall Ratio= 0.40		145.29 m ²		Window to Wall Ratio= 0.00		
Total Window Factor	1161.54 m ²				94.61 m ²				857.96 m ²				0.00 m ²				
Heat Conduction	Opaque Wall	2.07 W/m ²				2.14 W/m ²				2.73 W/m ²				4.87 W/m ²			
	Window	1.29 W/m ²				0.35 W/m ²				1.39 W/m ²				0.00 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 421.7 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 28.12 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 515 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey	Area= 21.96 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 24.7 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 45.92 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 62.01 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 120.7 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 358.9 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 41.78 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 124.1 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	External Shading	Overhang	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
		Siddefin	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Siddefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Siddefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Siddefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Siddefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Siddefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	Solar Radiation through Glazing	10.03 W/m ²				3.01 W/m ²				11.92 W/m ²				0.00 W/m ²			
	Average Absorptivity	0.42				0.42				0.42				0.42			
	RTTV _{wall} at each facade	13.39 W/m ²				5.51 W/m ²				16.05 W/m ²				4.87 W/m ²			
Overall RTTV _{wall}	13.97 W/m ²																

Table 3

RTTV _{roof}						
Roof Orientation Factor	300.3					
Total Roof Area (Residential Units)	409.50 m ²					
Total Skylight Area	0.00 m ²					
Heat Conduction	Roof	3.47(Ari/Aro) Uri ari Gs W/m ²				
	Skylight	0.00 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> No
External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> No	
Solar Radiation through Glazing	0.00 W/m ²					
Average Absorptivity (roof)	0.025					
Overall RTTV _{roof}	2.57 W/m ²					



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 3)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	18	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																	
Facade Orientation Facing		South East				South West				North West				North East			
Wall Orientation Factor		1.05				1.09				0.97				0.92			
Total External Wall Area (Residential Units)		1730.72 m ²		Window to Wall Ratio= 0.44		1348.91 m ²		Window to Wall Ratio= 0.45		988.18 m ²		Window to Wall Ratio= 0.43		363.90 m ²		Window to Wall Ratio= 0.30	
Total Window Factor		763.32 m ²				607.67 m ²				425.98 m ²				110.98 m ²			
Heat Conduction	Opaque Wall	2.40 W/m ²				2.40 W/m ²				2.27 W/m ²				2.83 W/m ²			
	Window	1.42 W/m ²				1.53 W/m ²				1.23 W/m ²				0.91 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 393.3 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 303.6 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 223.2 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 39.43 m ²	SC= 0.69	VLT= 56 % ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey	Area= 73.02 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 47.56 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 25.8 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 27.89 m ²	SC= 0.64	VLT= 50 % ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 149.4 m ²	SC= 0.6	VLT= 48 % ER= 5	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 74.62 m ²	SC= 0.6	VLT= 48 % ER= 5	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 102.7 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 155.4 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 138.1 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 43.65 m ²	SC= 0.65	VLT= 54 % ER= 6 %
		Double Glazing	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
	External Shading	Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Overhang	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
		Siddefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Siddefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Siddefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Siddefin	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
	Solar Radiation through Glazing	10.63 W/m ²				13.04 W/m ²				10.61 W/m ²				7.78 W/m ²			
	Average Absorptivity	0.42				0.42				0.42				0.42			
	RTTV _{wall} at each facade	14.44 W/m ²				16.96 W/m ²				14.11 W/m ²				11.53 W/m ²			
Overall RTTV _{wall}	13.97 W/m ²																

Table 3

RTTV _{roof}						
Roof Orientation Factor		300.3				
Total Roof Area (Residential Units)		409.50 m ²				
Total Skylight Area		0.00 m ²				
Heat Conduction	Roof	3.47(Ari/Aro) Uri ari Gs W/m ²				
	Skylight	0.00 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes		<input type="checkbox"/> No		
External Shading	<input type="checkbox"/> Yes		<input type="checkbox"/> No			
Solar Radiation through Glazing		0.00 W/m ²				
Average Absorptivity (roof)		0.025				
Overall RTTV _{roof}		2.57 W/m ²				



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 5)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	17	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																		
Facade Orientation Facing		East				North				West				South				
Wall Orientation Factor		1.07				0.79				1.13				0.98				
Total External Wall Area (Residential Units)		0.00 m ²	Window to Wall Ratio= 0.00	<th>0.00 m²</th> <th>Window to Wall Ratio= 0.00</th> <th colspan="2"> <th>0.00 m²</th> <th>Window to Wall Ratio= 0.00</th> <th colspan="2"> <th>0.00 m²</th> <th>Window to Wall Ratio= 0.00</th> <th colspan="2"> </th></th></th>		0.00 m ²	Window to Wall Ratio= 0.00	<th>0.00 m²</th> <th>Window to Wall Ratio= 0.00</th> <th colspan="2"> <th>0.00 m²</th> <th>Window to Wall Ratio= 0.00</th> <th colspan="2"> </th></th>		0.00 m ²	Window to Wall Ratio= 0.00	<th>0.00 m²</th> <th>Window to Wall Ratio= 0.00</th> <th colspan="2"> </th>		0.00 m ²	Window to Wall Ratio= 0.00			
Total Window Factor		0.00 m ²				0.00 m ²				0.00 m ²				0.00 m ²				
Heat Conduction	Opaque Wall	0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				
	Window	0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				
Window	Glass Type	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	
		<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	External Shading	Overhang	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
		Sidefin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
	Solar Radiation through Glazing		0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²			
	Average Absorptivity		0				0				0				0			
	RTTV _{wall} at each facade		0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²			
Overall RTTV _{wall}		13.91 W/m ²																

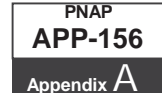
Table 3

RTTV _{roof}						
Roof Orientation Factor		2.16				
Total Roof Area (Residential Units)		409.50 m ²				
Total Skylight Area		0.00 m ²				
Heat Conduction	Roof	2.57 W/m ²				
	Skylight	0.00 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
External Shading	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Solar Radiation through Glazing		0.00 W/m ²				
Average Absorptivity (roof)		0.7				
Overall RTTV _{roof}		2.57 W/m ²				



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 5)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	17	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																					
Facade Orientation Facing	South East				South West				North West				North East								
Wall Orientation Factor	1.05				1.09				0.97				0.92								
Total External Wall Area (Residential Units)	1837.83 m ²		Window to Wall Ratio= 0.37		1148.96 m ²		Window to Wall Ratio= 0.43		1632.10 m ²		Window to Wall Ratio= 0.33		761.30 m ²		Window to Wall Ratio= 0.05						
	682.89 m ²				492.89 m ²				533.51 m ²				36.32 m ²								
Heat Conduction	Opaque Wall 2.79 W/m ²				2.42 W/m ²				2.91 W/m ²				4.35 W/m ²								
	Window 1.28 W/m ²				1.53 W/m ²				1.42 W/m ²				0.15 W/m ²								
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 490.7 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 343.5 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 602.3 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 19.31 m ²	SC= 0.69	VLT= 56 %	ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey	Area= 24.55 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 17 m ²	SC= 0.64	VLT= 50 %	ER= 6 %
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 65.77 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %
		<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 101.9 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 149.4 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 129 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 %	ER= 6 %
	Double Glazing		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	External Shading		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	External Shading		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	Solar Radiation through Glazing		9.60 W/m ²				11.88 W/m ²				12.33 W/m ²				1.23 W/m ²						
	Average Absorptivity		0.42				0.42				0.42				0.42						
	RTTV _{wall} at each facade		13.67 W/m ²				15.83 W/m ²				16.66 W/m ²				5.72 W/m ²						
Overall RTTV _{wall}		13.91 W/m ²																			

Table 3

RTTV _{roof}						
Roof Orientation Factor		2.16				
Total Roof Area (Residential Units)		409.50 m ²				
Total Skylight Area		0.00 m ²				
Heat Conduction	Roof	2.57 W/m ²				
	Skylight	0.00 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes		<input type="checkbox"/> No		
External Shading	<input type="checkbox"/> Yes		<input type="checkbox"/> No			
Solar Radiation through Glazing		0.00 W/m ²				
Average Absorptivity (roof)		0.7				
Overall RTTV _{roof}		2.57 W/m ²				



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 6)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input type="checkbox"/> 1. Registered Professional Engineers	
	<input checked="" type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	14	

Table 1

Deemed to Satisfy RTTV _{wall}							
Facade Orientation Facing							
Average Absorptivity							
Average Window to Wall Ratio							
Shading Coefficient of Glazing							
Average Shading Coefficient of Facade							
Visible Light Transmittance	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																	
Facade Orientation Facing		East				North				West			South				
Wall Orientation Factor		1.07				0.79				1.13			0.98				
Total External Wall Area (Residential Units)		1544.37 m ²		Window to Wall Ratio= 0.06		1998.96 m ²		Window to Wall Ratio= 0.56		1332.34 m ²		Window to Wall Ratio= 0.07		2497.20 m ²		Window to Wall Ratio= 0.61	
Total Window Factor		96.71 m ²				1122.81 m ²				86.77 m ²			1520.06 m ²				
Heat Conduction	Opaque Wall	5.02 W/m ²				1.33 W/m ²				5.28 W/m ²			1.28 W/m ²				
	Window	0.22 W/m ²				1.45 W/m ²				0.24 W/m ²			1.95 W/m ²				
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 96.71 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 831.8 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 86.77 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 1021 m ²	SC= 0.69	VLT= 56 % ER= 6 %
		<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 64.87 m ²	SC= 0.64	VLT= 50 % ER= 6 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 172.6 m ²	SC= 0.6	VLT= 48 % ER= 5 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 291 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 267.6 m ²	SC= 0.65	VLT= 54 % ER= 6 %
Double Glazing		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
External Shading		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Solar Radiation through Glazing		1.93 W/m ²				12.40 W/m ²				2.12 W/m ²			14.58 W/m ²				
Average Absorptivity		0.42				0.42				0.42			0.42				
RTTV _{wall} at each facade		7.18 W/m ²				15.19 W/m ²				7.65 W/m ²			17.80 W/m ²				
Overall RTTV _{wall}		13.03 W/m ²															

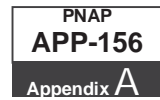
Table 3

RTTV _{roof}						
Roof Orientation Factor		2.16				
Total Roof Area (Residential Units)		186.40 m ²				
Total Skylight Area		0.00 m ²				
Heat Conduction	Roof	2.57 W/m ²				
	Skylight	0.00 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
External Shading		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Solar Radiation through Glazing		0.00 W/m ²				
Average Absorptivity (roof)		0.7				
Overall RTTV _{roof}		2.57 W/m ²				



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 6)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input type="checkbox"/> 1. Registered Professional Engineers	
	<input checked="" type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	14	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																	
Facade Orientation Facing	South East				South West				North West				North East				
Wall Orientation Factor	1.05				1.09				0.97				0.92				
Total External Wall Area (Residential Units)	0.00 m ²		Window to Wall Ratio= 0.00		0.00 m ²		Window to Wall Ratio= 0.00		0.00 m ²		Window to Wall Ratio= 0.00		0.00 m ²		Window to Wall Ratio= 0.00		
Total Window Factor	0.00 m ²		0.00		0.00 m ²		0.00		0.00 m ²		0.00		0.00 m ²		0.00		
Heat Conduction	Opaque Wall 0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				
	Window 0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				
Window	Glass Type	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 % ER= 6 %
		<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Solar Radiation through Glazing	0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²			
	Average Absorptivity	0				0				0				0			
	RTTV _{wall} at each facade	0.00 W/m ²				0.00 W/m ²				0.00 W/m ²				0.00 W/m ²			
Overall RTTV _{wall}	13.03 W/m ²																

Table 3

RTTV _{roof}					
Roof Orientation Factor	2.16				
Total Roof Area (Residential Units)	186.40 m ²				
Total Skylight Area	0.00 m ²				
Heat Conduction	Roof	2.57 W/m ²			
	Skylight	0.00 W/m ²			
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= % ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= % ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= % ER= %
	Double Glazing	<input type="checkbox"/> Yes		<input type="checkbox"/> No	
External Shading	<input type="checkbox"/> Yes		<input type="checkbox"/> No		
Solar Radiation through Glazing	0.00 W/m ²				
Average Absorptivity (roof)	0.7				
Overall RTTV _{roof}	2.57 W/m ²				

Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 7)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	13	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																		
Facade Orientation Facing		East				North				West				South				
Wall Orientation Factor		1.07				0.79				1.13				0.98				
Total External Wall Area (Residential Units)		616.52 m ²		Window to Wall Ratio= 0.03		876.24 m ²		Window to Wall Ratio= 0.29		920.73 m ²		Window to Wall Ratio= 0.37		657.83 m ²		Window to Wall Ratio= 0.42		
Total Window Factor		21.28 m ²				256.40 m ²				339.42 m ²				277.88 m ²				
Heat Conduction	Opaque Wall	4.46 W/m ²				2.54 W/m ²				2.76 W/m ²				2.35 W/m ²				
	Window	0.12 W/m ²				0.76 W/m ²				1.34 W/m ²				1.35 W/m ²				
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 21.28 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 170.9 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 228.2 m ²	SC= 0.69	VLT= 56 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 193.9 m ²	SC= 0.69	VLT= 56 % ER= 6 %	
		<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 17.68 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 14.07 m ²	SC= 0.64	VLT= 50 % ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 16.15 m ²	SC= 0.64	VLT= 50 % ER= 6 %	
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 38.85 m ²	SC= 0.6	VLT= 48 % ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 % ER= 5 %	
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 67.84 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 58.33 m ²	SC= 0.65	VLT= 54 % ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 67.84 m ²	SC= 0.65	VLT= 54 % ER= 6 %	
		Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	External Shading	Overhang	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		Sidefin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Solar Radiation through Glazing		1.07 W/m ²				6.39 W/m ²				9.92 W/m ²				10.06 W/m ²			
	Average Absorptivity		0.42				0.42				0.42				0.42			
	RTTV _{wall} at each facade		5.65 W/m ²				9.69 W/m ²				14.01 W/m ²				13.76 W/m ²			
Overall RTTV _{wall}		13.67 W/m ²																

Table 3

RTTV _{roof}						
Roof Orientation Factor		2.16				
Total Roof Area (Residential Units)		276.20 m ²				
Total Skylight Area		0.00 m ²				
Heat Conduction	Roof	2.57 W/m ²				
	Skylight	0.00 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes		<input type="checkbox"/> No		
External Shading	<input type="checkbox"/> Yes		<input type="checkbox"/> No			
Solar Radiation through Glazing		0.00 W/m ²				
Average Absorptivity (roof)		0.7				
Overall RTTV _{roof}		2.57 W/m ²				



RTTV Summary Sheet

Notes:
 ER = External Reflectance
 SC = Shading Coefficient
 VLT = Visible Light Transmittance
 Window and skylight data should represent the major proportion of its use in the development.



Address:	Tuen Mun Town Lot No.547, Castle Peak Road - Castle Peak Bay, Area 48, Tuen Mun (Tower 7)	BD Ref. No. 2/9197/16
Building Type:	Residential	
RTTV calculated by	<input checked="" type="checkbox"/> 1. Registered Professional Engineers	
	<input type="checkbox"/> 2. Architect	
	<input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	13	

Table 1

Deemed to Satisfy RTTV _{wall}									
Facade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Facade									
Visible Light Transmittance	%	%	%	%	%	%	%	%	%
External Reflectance	%	%	%	%	%	%	%	%	%

Table 2

RTTV _{wall}																					
Facade Orientation Facing		South East				South West				North West				North East							
Wall Orientation Factor		1.05				1.09				0.97				0.92							
Total External Wall Area (Residential Units)		1379.76 m ²		Window to Wall Ratio= 0.57		388.79 m ²		Window to Wall Ratio= 0.21		1199.86 m ²		Window to Wall Ratio= 0.53		0.00 m ²		Window to Wall Ratio= 0.00					
Total Window Factor		780.91 m ²				82.77 m ²				631.97 m ²				0.00 m ²							
Heat Conduction	Opaque Wall	1.65 W/m ²				3.97 W/m ²				1.80 W/m ²				0.00 W/m ²							
	Window	1.98 W/m ²				0.76 W/m ²				1.67 W/m ²				0.00 W/m ²							
Window	Glass Type	<input checked="" type="checkbox"/> Crystal Grey	Area= 780.9 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 36.25 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 459 m ²	SC= 0.69	VLT= 56 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.69	VLT= 56 %	ER= 6 %
		<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey	Area= 17.32 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %	<input type="checkbox"/> Crystal Grey	Area= 0 m ²	SC= 0.64	VLT= 50 %	ER= 6 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.6	VLT= 48 %	ER= 5 %
		<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 29.2 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input checked="" type="checkbox"/> Crystal Grey + Clear	Area= 173 m ²	SC= 0.65	VLT= 54 %	ER= 6 %	<input type="checkbox"/> Crystal Grey + Clear	Area= 0 m ²	SC= 0.65	VLT= 54 %	ER= 6 %
		Double Glazing		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		External Shading		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
				Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		Solar Radiation through Glazing		14.59 W/m ²				6.46 W/m ²				12.51 W/m ²				0.00 W/m ²					
	Average Absorptivity		0.42				0.42				0.42				0						
	RTTV _{wall} at each facade		18.21 W/m ²				11.18 W/m ²				15.98 W/m ²				0.00 W/m ²						
	Overall RTTV _{wall}		13.67 W/m ²																		

Table 3

RTTV _{roof}							
Roof Orientation Factor		2.16					
Total Roof Area (Residential Units)		276.20 m ²					
Total Skylight Area		0.00 m ²					
Heat Conduction	Roof	2.57 W/m ²					
	Skylight	0.00 W/m ²					
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %	
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %	
		<input type="checkbox"/> Clear	Area= m ²	SC=	VLT= %	ER= %	
	Double Glazing		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
External Shading		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Solar Radiation through Glazing		0.00 W/m ²					
Average Absorptivity (roof)		0.7					
Overall RTTV _{roof}		2.57 W/m ²					