



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.

PNAP
APP-156
 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 1 (19 Storeys) (Sheet 1 of 2)	

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		North (N)				East (E)				South (S)				West (W)			
Wall Orientation Factor		0.790				1.072				0.975				1.131			
Total External Wall Area (Residential Units)		1186.33 m ²		Window to Wall Ratio =		1165.40 m ²		Window to Wall Ratio =		1427.38 m ²		Window to Wall Ratio =		838.16 m ²		Window to Wall Ratio =	
Total Window Factor		425.92 m ²		0.36		727.31 m ²		0.62		550.89 m ²		0.39		316.97 m ²		0.38	
Heat Conduction	Opaque Wall	3.31 W/m ²				2.63 W/m ²				3.91 W/m ²				4.59 W/m ²			
	Window	0.31 W/m ²				0.73 W/m ²				0.44 W/m ²				0.47 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	
		m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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		<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	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 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		5.98 W/m ²				13.31 W/m ²				6.90 W/m ²				8.56 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		9.60 W/m ²				16.67 W/m ²				11.25 W/m ²				13.62 W/m ²			
Overall RTTV _{Wall}		12.93 W/m ²															

Table 3

RTTV _{Roof}											
Roof Orientation Factor		2.16									
Total Roof Area (Residential Units)		259.70 m ²									
Total Skylight Area		0 m ²									
Heat Conduction	Roof	2.80 W/m ²									
	Skylight	0 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= %				
		m ²									
	Clear	Area=	m ²	SC=	VLT= %	ER= %					
		m ²									
	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 W/m ²									
Average Absorptivity (roof)		0.7									
Overall RTTV _{Roof}		2.80 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.

PNAP
APP-156
 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 1 (19 Storeys) (Sheet 2 of 2)	

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		North-east (NE)				South-east (SE)				South-west (SW)				North-west (NW)			
Wall Orientation Factor		0.924				1.051				1.092				0.965			
Total External Wall Area (Residential Units)		1186.31 m ²		Window to Wall Ratio =		216.54 m ²		Window to Wall Ratio =		258.15 m ²		Window to Wall Ratio =		360.71 m ²		Window to Wall Ratio =	
Total Window Factor		800.71 m ²		0.67		71.15 m ²		0.33		34.56 m ²		0.13		105.84 m ²		0.29	
Heat Conduction	Opaque Wall	1.96 W/m ²				4.61 W/m ²				6.18 W/m ²				4.45 W/m ²			
	Window	0.68 W/m ²				0.38 W/m ²				0.47 W/m ²				0.40 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	
		m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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		<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		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Sidfin	<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	
Solar Radiation through Glazing		12.73 W/m ²				7.35 W/m ²				3.28 W/m ²				6.41 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		15.37 W/m ²				12.34 W/m ²				9.94 W/m ²				11.27 W/m ²			
Overall RTTV _{Wall}		12.93 W/m ²															

Table 3

		RTTV _{Roof}							
Roof Orientation Factor									
Total Roof Area (Residential Units)		m ²							
Total Skylight Area		m ²							
Heat Conduction	Roof	W/m ²							
	Skylight	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		W/m ²							
Average Absorptivity (roof)									
Overall RTTV _{Roof}		W/m ²							



RTTV Summary Sheet

Notes:
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 Window and skylight data should represent the major proportion of its use in the development.

PNAP
APP-156
 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 2 (17 Storeys) (Sheet 1 of 1)	

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	%	%	%	%	%	%	%	%	%

Not applicable

Table 2

RTTV_{Wall}

Facade Orientation Facing	North (N)				East (E)				South (S)				West (W)				
Wall Orientation Factor	0.790				1.072				0.975				1.131				
Total External Wall Area (Residential Units)	1740.43 m ²		Window to Wall Ratio =		1644.61 m ²		Window to Wall Ratio =		1468.06 m ²		Window to Wall Ratio =		1048.78 m ²		Window to Wall Ratio =		
Total Window Factor	964.46 m ²		0.55		867.37 m ²		0.53		617.57 m ²		0.42		349.85 m ²		0.33		
Heat Conduction	Opaque Wall	2.32 W/m ²				3.34 W/m ²				3.72 W/m ²				4.96 W/m ²			
	Window	0.48 W/m ²				0.62 W/m ²				0.47 W/m ²				0.45 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
		<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %
			m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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				<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					
		Sidfin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidfin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidfin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sidfin	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Solar Radiation through Glazing	9.22 W/m ²				11.23 W/m ²				7.46 W/m ²				8.00 W/m ²				
Average Absorptivity	0.58				0.58				0.58				0.58				
RTTV _{Wall} at each facade	12.02 W/m ²				15.19 W/m ²				11.64 W/m ²				13.42 W/m ²				
Overall RTTV _{Wall}	13.06 W/m ²																

Table 3

RTTV_{Roof}

Roof Orientation Factor	2.16					
Total Roof Area (Residential Units)	257.20 m ²					
Total Skylight Area	0 m ²					
Heat Conduction	Roof	2.80 W/m ²				
	Skylight	0 W/m ²				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	SC=	VLT= %	ER= %
			m ²			
		<input type="checkbox"/> Tinted	Area=	SC=	VLT= %	ER= %
		m ²				
		<input type="checkbox"/> Clear	Area=	SC=	VLT= %	ER= %
			m ²			
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 W/m ²					
Average Absorptivity (roof)	0.7					
Overall RTTV _{Roof}	2.80 W/m ²					

Not applicable

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 3 (17 Storeys) (Sheet 1 of 1)	

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		North (N)				East (E)				South (S)				West (W)			
Wall Orientation Factor		0.790				1.072				0.975				1.131			
Total External Wall Area (Residential Units)		1689.10 m ²		Window to Wall Ratio =		1644.61 m ²		Window to Wall Ratio =		1618.50 m ²		Window to Wall Ratio =		986.53 m ²		Window to Wall Ratio =	
Total Window Factor		964.46 m ²		0.57		867.37 m ²		0.53		716.61 m ²		0.44		241.73 m ²		0.25	
Heat Conduction	Opaque Wall	2.23 W/m ²				3.34 W/m ²				3.58 W/m ²				5.62 W/m ²			
	Window	0.49 W/m ²				0.62 W/m ²				0.49 W/m ²				0.34 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	
	m ²			ER= %		m ²		ER= %		m ²		ER= %		m ²		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				<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					
	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					
Solar Radiation through Glazing		9.50 W/m ²				11.23 W/m ²				8.08 W/m ²				5.87 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		12.22 W/m ²				15.19 W/m ²				12.15 W/m ²				11.84 W/m ²			
Overall RTTV _{Wall}		12.96 W/m ²															

Table 3

RTTV _{Roof}										
Roof Orientation Factor		2.16								
Total Roof Area (Residential Units)		264.50 m ²								
Total Skylight Area		0 m ²								
Heat Conduction	Roof	2.80 W/m ²								
	Skylight	0 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= %			
	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 W/m ²								
Average Absorptivity (roof)		0.7								
Overall RTTV _{Roof}		2.80 W/m ²								



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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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 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 5 (17 Storeys) (Sheet 1 of 1)	

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	%	%	%	%	%	%	%	%	%

Not applicable

Table 2

RTTV_{Wall}

Facade Orientation Facing	North (N)				East (E)				South (S)				West (W)				
Wall Orientation Factor	0.790				1.072				0.975				1.131				
Total External Wall Area (Residential Units)	1419.55 m ²		Window to Wall Ratio =		2137.49 m ²		Window to Wall Ratio =		1122.48 m ²		Window to Wall Ratio =		1333.16 m ²		Window to Wall Ratio =		
Total Window Factor	631.23 m ²		0.44		1214.90 m ²		0.57		375.46 m ²		0.33		387.11 m ²		0.29		
Heat Conduction	Opaque Wall	2.79 W/m ²				2.94 W/m ²				4.13 W/m ²				5.10 W/m ²			
	Window	0.38 W/m ²				0.66 W/m ²				0.36 W/m ²				0.36 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
			m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%
		<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %
			m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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		<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		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Sidofin	<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	
Solar Radiation through Glazing	7.38 W/m ²				12.00 W/m ²				6.73 W/m ²				6.99 W/m ²				
Average Absorptivity	0.56				0.56				0.56				0.56				
RTTV _{Wall} at each facade	10.56 W/m ²				15.60 W/m ²				11.22 W/m ²				12.45 W/m ²				
Overall RTTV _{Wall}	12.89 W/m ²																

Table 3

RTTV_{Roof}

Roof Orientation Factor	2.16						
Total Roof Area (Residential Units)	190.00 m ²						
Total Skylight Area	0 m ²						
Heat Conduction	Roof	2.80 W/m ²					
	Skylight	0 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= %
		Not applicable					
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 W/m ²						
Average Absorptivity (roof)	0.7						
Overall RTTV _{Roof}	2.80 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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 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 6 (19 Storeys) (Sheet 1 of 2)	

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		North (N)				East (E)				South (S)				West (W)			
Wall Orientation Factor		0.790				1.072				0.975				1.131			
Total External Wall Area (Residential Units)		1502.71 m ²		Window to Wall Ratio		249.93 m ²		Window to Wall Ratio		274.18 m ²		Window to Wall Ratio		307.38 m ²		Window to Wall Ratio	
Total Window Factor		880.52 m ²		0.59		13.10 m ²		0.05		39.75 m ²		0.14		103.07 m ²		0.34	
Heat Conduction	Opaque Wall	2.06 W/m ²				6.15 W/m ²				5.34 W/m ²				5.01 W/m ²			
	Window	0.50 W/m ²				0.11 W/m ²				0.41 W/m ²				0.37 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	
		m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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				<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			
		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		9.76 W/m ²				2.06 W/m ²				2.73 W/m ²				7.16 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		12.32 W/m ²				8.31 W/m ²				8.48 W/m ²				12.54 W/m ²			
Overall RTTV _{Wall}		12.06 W/m ²															

Table 3

RTTV _{Roof}										
Roof Orientation Factor		2.16								
Total Roof Area (Residential Units)		201.00 m ²								
Total Skylight Area		0 m ²								
Heat Conduction	Roof	2.80 W/m ²								
	Skylight	0 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 W/m ²								
Average Absorptivity (roof)		0.7								
Overall RTTV _{Roof}		2.80 W/m ²								

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 6 (19 Storeys) (Sheet 2 of 2)	

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		%	%	%	%	%	%	%	%

Not applicable

Table 2

RTTV _{Wall}																	
Facade Orientation Facing		North-east (NE)				South-east (SE)				South-west (SW)				North-west (NW)			
Wall Orientation Factor		0.924				1.051				1.092				0.965			
Total External Wall Area (Residential Units)		921.87 m ²		Window to Wall Ratio =		777.07 m ²		Window to Wall Ratio =		1058.50 m ²		Window to Wall Ratio =		834.52 m ²		Window to Wall Ratio =	
Total Window Factor		319.91 m ²		0.35		269.47 m ²		0.35		442.14 m ²		0.42		331.37 m ²		0.40	
Heat Conduction	Opaque Wall	3.81 W/m ²				4.33 W/m ²				4.01 W/m ²				3.67 W/m ²			
	Window	0.35 W/m ²				0.40 W/m ²				0.50 W/m ²				0.42 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
	Clear	Area=	SC=	VLT= %		Area=	SC=	VLT= %		Area=	SC=	VLT= %		Area=	SC=	VLT= %	
	m ²			ER= %		m ²		ER= %		m ²		ER= %		m ²		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		<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		<input checked="" type="checkbox"/> Yes <input 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		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Solar Radiation through Glazing		6.53 W/m ²				7.76 W/m ²				9.70 W/m ²				8.02 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		10.69 W/m ²				12.49 W/m ²				2.54 W/m ²				12.10 W/m ²			
Overall RTTV _{Wall}		12.06 W/m ²															

Table 3

RTTV _{Roof}									
Roof Orientation Factor									
Total Roof Area (Residential Units)		m ²							
Total Skylight Area		m ²							
Heat Conduction	Roof	W/m ²							
	Skylight	W/m ²							
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	m ²	SC=	VLT=	%	ER=	%
			m ²		SC=	VLT=	%	ER=	%
		<input type="checkbox"/> Tinted	Area=	m ²	SC=	VLT=	%	ER=	%
		m ²		SC=	VLT=	%	ER=	%	
	Clear	Area=	m ²	SC=	VLT=	%	ER=	%	
	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		W/m ²							
Average Absorptivity (roof)									
Overall RTTV _{Roof}		W/m ²							

Refer to Sheet 1 of 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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 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 7 (19 Storeys) (Sheet 1 of 2)	

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		North (N)				East (E)				South (S)				West (W)			
Wall Orientation Factor		0.790				1.072				0.975				1.131			
Total External Wall Area (Residential Units)		1552.77 m ²		Window to Wall Ratio = 0.60		310.77 m ²		Window to Wall Ratio = 0.29		281.84 m ²		Window to Wall Ratio = 0.13		295.39 m ²		Window to Wall Ratio = 0.08	
Total Window Factor		931.11 m ²				91.44 m ²				36.91 m ²				23.73 m ²			
Heat Conduction	Opaque Wall	1.99 W/m ²				4.77 W/m ²				5.34 W/m ²				6.56 W/m ²			
	Window	0.52 W/m ²				0.34 W/m ²				0.41 W/m ²				0.10 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
		<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %	<input type="checkbox"/> Clear	Area=	SC=	VLT= %
			m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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				<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	
		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		9.96 W/m ²				6.72 W/m ²				2.73 W/m ²				1.93 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		12.47 W/m ²				11.83 W/m ²				8.49 W/m ²				8.59 W/m ²			
Overall RTTV _{Wall}		11.76 W/m ²															

Table 3

RTTV _{Roof}									
Roof Orientation Factor		2.16							
Total Roof Area (Residential Units)		201.00 m ²							
Total Skylight Area		0 m ²							
Heat Conduction	Roof	2.80 W/m ²							
	Skylight	0 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 W/m ²							
Average Absorptivity (roof)		0.7							
Overall RTTV _{Roof}		2.80 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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 Appendix **A**

Address: Proposed Residential Development at Junction of Fo Chun Road and Pok Yin Road, Pak Shek Kok, Tai Po, New Territories, Tai Po Town Lot No. 225		BD Ref. No. 2/9059/15
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)	Residential Tower 7 (19 Storeys) (Sheet 2 of 2)	

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		North-east (NE)				South-east (SE)				South-west (SW)				North-west (NW)			
Wall Orientation Factor		0.924				1.051				1.092				0.965			
Total External Wall Area (Residential Units)		916.95 m ²		Window to Wall Ratio		1128.63 m ²		Window to Wall Ratio		854.89 m ²		Window to Wall Ratio		892.64 m ²		Window to Wall Ratio	
Total Window Factor		330.67 m ²		0.36		471.83 m ²		0.42		278.00 m ²		0.33		290.24 m ²		0.32	
Heat Conduction	Opaque Wall	3.73 W/m ²				3.86 W/m ²				4.65 W/m ²				4.11 W/m ²			
	Window	0.36 W/m ²				0.48 W/m ²				0.39 W/m ²				0.34 W/m ²			
Window	Glass Type	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%	<input checked="" type="checkbox"/> Reflective	Area=	SC=	VLT= 63%
			m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%		m ²	0.51	ER= 11%
		<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%	<input checked="" type="checkbox"/> Tinted	Area=	SC=	VLT= 59%
		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%		m ²	0.72	ER= 15%	
	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	Clear	Area=	SC=	VLT= %	
		m ²		ER= %		m ²		ER= %		m ²		ER= %		m ²		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		<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		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 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		6.84 W/m ²				7.76 W/m ²				7.56 W/m ²				6.04 W/m ²			
Average Absorptivity		0.58				0.58				0.58				0.58			
RTTV _{Wall} at each facade		10.93 W/m ²				12.49 W/m ²				12.59 W/m ²				10.49 W/m ²			
Overall RTTV _{Wall}		12.06 W/m ²															

Table 3

RTTV _{Roof}									
Roof Orientation Factor									
Total Roof Area (Residential Units)		m ²							
Total Skylight Area		m ²							
Heat Conduction	Roof	W/m ²							
	Skylight	W/m ²							
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area=	m ²	SC=	VLT=	%	ER=	%
			m ²		SC=	VLT=	%	ER=	%
		<input type="checkbox"/> Tinted	Area=	m ²	SC=	VLT=	%	ER=	%
		m ²		SC=	VLT=	%	ER=	%	
	Clear	Area=	m ²	SC=	VLT=	%	ER=	%	
		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		W/m ²							
Average Absorptivity (roof)									
Overall RTTV _{Roof}		W/m ²							