

### CENTRUM BLVD SUN SHADOW STUDIES

	NET NEW* SHADOW AREA							PERCENTAGE OF AREA IN SHADOW						
	RETAIL PATIO	ROOFTOP COMMUNAL AMENITY (TOWER A)	AT GRADE COMMUNAL AMENITY (TOWER B)	ROOFTOP COMMUNAL AMENITY (TOWER C)	OUTDOOR COMMUNAL AMENITY TOTAL	PUBLIC PARK (ON SITE)	PUBLIC PARK	RETAIL PATIO	ROOFTOP COMMUNAL AMENITY (TOWER A)	AT GRADE COMMUNAL AMENITY (TOWER B)	ROOFTOP COMMUNAL AMENITY (TOWER C)	OUTDOOR COMMUNAL AMENITY TOTAL	PUBLIC PARK (ON SITE)	PUBLIC PARK
<b>TOTAL AREA</b>	<b>82 m²</b>	<b>680 m²</b>	<b>422 m²</b>	<b>364 m²</b>	<b>1466 m²</b>	<b>652 m²</b>	<b>6454 m²</b>							
EQUINOX (MAR 21/ SEPT 21)	8	38 m²				0 m²	0 m²	46%					0%	0%
	9	32 m²				0 m²	0 m²	39%					0%	0%
	10	15 m²				0 m²	0 m²	18%					0%	0%
	11	4 m²	293 m²	73 m²	229 m²	0 m²	64 m²	5%	43%	17%	63%	41%	0%	1%
	12	0 m²	284 m²	75 m²	338 m²	116 m²	1523 m²	0%	42%	18%	93%	48%	18%	24%
	1	0 m²	268 m²	73 m²	343 m²	295 m²	2768 m²	0%	39%	17%	94%	47%	45%	43%
	2	0 m²	242 m²	115 m²	251 m²	436 m²	3855 m²	0%	36%	27%	69%	41%	67%	60%
	3	0 m²	193 m²	422 m²	238 m²	552 m²	2584 m²	0%	28%	100%	65%	58%	85%	40%
	4	0 m²				643 m²	1818 m²	0%					99%	28%
	5	0 m²				652 m²	773 m²	0%					100%	12%
	6	0 m²				588 m²	194 m²	0%					90%	3%
<b>AVERAGE</b>								<b>10%</b>	<b>38%</b>	<b>36%</b>	<b>77%</b>	<b>47%</b>	<b>46%</b>	<b>19%</b>
SUMMER (JUNE 21)	8	64 m²						78%						
	9	55 m²						67%						
	10	41 m²						50%						
	11	16 m²	324 m²	0 m²	191 m²	515 m²		20%	48%	0%	52%	35%		
	12	0 m²	275 m²	0 m²	339 m²	614 m²		0%	40%	0%	93%	42%		
	1	0 m²	256 m²	160 m²	292 m²	708 m²		0%	38%	38%	80%	48%		
	2	0 m²	162 m²	359 m²	209 m²	730 m²		0%	24%	85%	57%	50%		
	3	0 m²	19 m²	395 m²	148 m²	562 m²		0%	3%	94%	41%	38%		
	4	0 m²						0%						
	5	0 m²						0%						
	6	0 m²						0%						
	7	0 m²						0%						
	8	0 m²						0%						
<b>AVERAGE</b>								<b>17%</b>	<b>30%</b>	<b>43%</b>	<b>65%</b>	<b>43%</b>		
WINTER (DEC 21)	9	43 m²						52%						
	10	0 m²						0%						
	11	0 m²						0%						
	12	0 m²						0%						
	1	0 m²						0%						
	2	0 m²						0%						
	3	0 m²						0%						
	4	0 m²						0%						
								<b>7%</b>						

\* NET NEW SHADOW AREA DOES NOT INCLUDE SHADOWS CAST ON SITE FROM EXISTING CONTEXT BUILDINGS  
 NOT APPLICABLE TIME BASED ON CITY OF OTTAWA SHADOW ANALYSIS TERMS OF REFERENCE  
 TIMES REQUIRED TO DEMONSTRATE BASED ON CITY OF OTTAWA SHADOW ANALYSIS TERMS OF REFERENCE  
 OVER 50% IN SHADOW  
 LESS THAN 50% IN SHADOW