

## Simulation Results

Tables 1-3 present the direct daylight levels our analysis calculated to be on the identified test planes with the base buildings in place and the proposed development in place. Identical lighting conditions were used in both simulations.

Table 1: Simulated Daylight Levels

Building	Window Ref	Sensativity of Window Instance	Base Light Lux	Proposed Light Lux	Reduction from Base	Assessment of Impact
A	1	moderate	6871	6783	1	minor adverse
	2	moderate	6883	6697	3	minor adverse
	3	moderate	5792	5565	4	minor adverse
	4	moderate	3267	3030	7	minor adverse
	5	moderate	6860	4469	35	major adverse
	6	moderate	6792	3984	41	major adverse
	7	moderate	6502	3325	49	major adverse
	8	moderate	5289	2085	61	major adverse
	9	moderate	5096	5036	1	minor adverse
	10	moderate	4891	4813	2	minor adverse
	11	moderate	4649	4567	2	minor adverse
	12	moderate	3268	3451	-6	minor benefit
B	13	moderate	6871	6403	7	minor adverse
	14	moderate	6632	5839	12	moderate adverse
	15	moderate	5847	4904	16	moderate adverse
	16	moderate	5304	4237	20	major adverse
	17	moderate	4451	3369	24	major adverse
C	18	moderate	6047	5926	2	minor adverse
	19	moderate	5188	5016	3	minor adverse
	20	moderate	4885	4638	5	minor adverse
	21	moderate	4692	4375	7	minor adverse
	22	moderate	4137	3798	8	minor adverse
D	23	moderate	6611	2621	60	major adverse
	24	moderate	5696	1239	78	major adverse
	25	moderate	6444	361	94	major adverse
	26	minor	5417	2686	50	major adverse
	27	minor	4324	1072	75	major adverse
	28	minor	2187	498	77	major adverse
	29	minor	3764	513	86	major adverse
	30	minor	2007	248	88	major adverse
	31	moderate	5169	3344	35	major adverse
	32	moderate	4146	1818	56	major adverse
	33	moderate	4411	2681	39	major adverse
	34	moderate	4514	3297	27	major adverse
	35	moderate	3940	2682	32	major adverse
	36	moderate	5099	4899	4	minor adverse

Table 2: Simulated Daylight Levels

Building	Window Ref	Sensativity of Window Instance	Base Light Lux	Proposed Light Lux	Reduction from Base	Assessment of Impact
E	37	major	4680	4490	4	minor adverse
	38	major	5185	4939	5	minor adverse
	39	major	4780	4518	5	minor adverse
	40	major	5125	4801	6	minor adverse
	41	major	4780	4473	6	minor adverse
	42	major	5140	4829	6	minor adverse
	43	major	4747	4439	6	minor adverse
	44	major	5014	4708	6	minor adverse
F	45	major	5957	5952	0	negligible
	46	major	4657	4650	0	negligible
	47	major	5447	5450	0	negligible
	48	major	5220	5227	0	negligible
G	49	moderate	4955	4967	0	negligible
	50	moderate	5054	5057	0	negligible
	51	moderate	4685	4694	0	negligible
	52	moderate	4789	4797	0	negligible
	53	moderate	4296	4294	0	negligible
	54	moderate	5794	3034	48	major adverse
	55	moderate	5437	2466	55	major adverse
	56	moderate	6024	2813	53	major adverse
	57	moderate	5876	1748	70	major adverse
	58	moderate	6308	1596	75	major adverse
	59	moderate	3970	2649	33	major adverse
	60	moderate	4303	3098	28	major adverse
	61	moderate	3614	2534	30	major adverse
	62	moderate	4120	3244	21	major adverse
	63	moderate	2775	2132	23	major adverse
	64	moderate	3278	2671	19	moderate adverse
	65	moderate	4477	2446	45	major adverse
	66	moderate	6847	2037	70	major adverse
H	67	moderate	6566	1366	79	major adverse
	68	minor	5334	1433	73	major adverse
	69	minor	3866	1529	60	major adverse
	70	minor	6805	1617	76	major adverse
	71	minor	6570	1713	74	major adverse
	72	minor	5413	1768	67	major adverse

## Simulation Results

Table 3: Simulated Daylight Levels

Building	Window Ref	Sensativity of Window Instance	Base Light Lux	Proposed Light Lux	Reduction from Base	Assessment of Impact
H	73	minor	4017	1857	54	major adverse
	74	minor	6709	4971	26	major adverse
	75	minor	6057	4518	25	major adverse
	76	minor	4647	3912	16	moderate adverse
	77	minor	5640	5637	0	negligible
	78	minor	4957	4956	0	negligible
	79	minor	4419	4423	0	negligible
	80	minor	3909	3914	0	negligible
	81	minor	5563	5557	0	negligible
	82	minor	4865	4873	0	negligible
I	83	minor	4317	4300	0	negligible
	84	minor	3795	3793	0	negligible
	85	minor	6654	5895	11	moderate adverse
	86	minor	6045	5185	14	moderate adverse
B l o c k  J	87	minor	5036	4190	17	moderate adverse
	88	moderate	4110	3358	18	moderate adverse
	89	moderate	5128	2854	44	major adverse
	90	moderate	4803	2688	44	major adverse
	91	moderate	4420	2513	43	major adverse
	92	moderate	5485	2319	58	major adverse
	93	moderate	5027	2206	56	major adverse
	94	moderate	4568	2052	55	major adverse
	95	moderate	5575	1880	66	major adverse
	96	moderate	4708	1737	63	major adverse
K	97	moderate	5617	2275	59	major adverse
	98	moderate	4608	2061	55	major adverse
	99	moderate	6135	3525	43	major adverse
	100	moderate	5521	3426	38	major adverse
K	101	moderate	6867	6815	1	minor adverse
	102	moderate	6412	6399	0	negligible
	103	moderate	6835	6810	0	negligible
	104	moderate	6850	6743	2	minor adverse
	105	moderate	5955	5935	0	negligible

### Window Sensitivity

The use of the interior spaces served by the windows / test planes tested and therefore the sensitivity of impacting on them is not clear in all cases. Based on the available information, we have categorised the window sensitivities as follows:

- Minor – spaces served such as stairwells, bedrooms and bathrooms
- Moderate – spaces served such as shops and offices
- Major – spaces served such as residential living spaces and kitchens