

Fig. 76: Floor Plan



## Block K–Level 30

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K - LEVEL 30											
1416	BEDROOM	100	100.0			3847			00:00	00:00	00:32
1417	BEDROOM	100	100.0			3848			00:00	00:00	00:32
1418	BEDROOM	100	100.0			3816			00:00	00:00	00:32
1419	BEDROOM	100	100.0			3651			00:00	00:00	00:32
1420	BEDROOM	100	100.0			3612			00:00	00:00	00:32
1421	BEDROOM	100	100.0			3807			00:00	00:00	00:39
1422	LIVING ROOM	150	100.0			3857	3656		00:00	00:09	01:25
1423	BEDROOM	100	100.0			3685			00:00	00:09	01:25
1424	BEDROOM	100	100.0			3799			00:00	00:09	01:25
1425	L/K/D	200	17.8		56.1	2936	2263	1657	00:00	00:00	01:05
1426	L/K/D	200	100.0		100.0	3734	3522	3318	02:37	01:36	01:31
1427	BEDROOM	100	100.0			3901			05:34	06:12	06:52
1428	BEDROOM	100	100.0			3836			05:34	06:12	06:52
1429	BEDROOM	100	100.0			3777			05:34	06:12	06:52
1430	BEDROOM	100	100.0			3812			05:34	06:12	06:52
1431	BEDROOM	100	100.0			3891			05:34	06:12	06:52
1432	L/K/D	200	100.0		100.0	3695	3486	3272	06:26	06:00	07:23
1433	BEDROOM	100	100.0			3749			03:44	05:13	06:19
1434	BEDROOM	100	100.0			3510			03:45	05:22	06:19
1435	BEDROOM	100	100.0			3780			03:46	05:25	06:19
1436	L/K/D	200	24.1		50.4	2751	2219	1782	01:31	02:41	01:06
1437	L/K/D	200	68.8		84.7	3283	2913	2573	04:04	05:35	06:19

Table 69: Assessment Data



Fig. 77: Floor Plan



## Block K–Level 31

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K - LEVEL 31											
1438	BEDROOM	100	100.0			3852			00:00	00:00	00:32
1439	BEDROOM	100	100.0			3853			00:00	00:00	00:32
1440	BEDROOM	100	100.0			3828			00:00	00:00	00:32
1441	BEDROOM	100	100.0			3678			00:00	00:00	00:32
1442	BEDROOM	100	100.0			3623			00:00	00:00	00:32
1443	BEDROOM	100	100.0			3815			00:00	00:00	00:39
1444	LIVING ROOM	150	100.0			3860	3659		00:00	00:09	01:25
1445	BEDROOM	100	100.0			3692			00:00	00:09	01:25
1446	BEDROOM	100	100.0			3803			00:00	00:09	01:25
1447	L/K/D	200	18.1		58.0	2952	2265	1673	00:00	00:00	01:05
1448	L/K/D	200	100.0		100.0	3737	3532	3325	02:37	01:36	01:31
1449	BEDROOM	100	100.0			3903			05:34	06:12	06:52
1450	BEDROOM	100	100.0			3840			05:34	06:12	06:52
1451	BEDROOM	100	100.0			3779			05:34	06:12	06:52
1452	BEDROOM	100	100.0			3812			05:34	06:12	06:52
1453	BEDROOM	100	100.0			3893			05:34	06:12	06:52
1454	L/K/D	200	100.0		100.0	3704	3498	3290	06:27	06:17	07:23
1455	BEDROOM	100	100.0			3755			03:44	05:24	06:19
1456	BEDROOM	100	100.0			3515			03:46	05:24	06:19
1457	BEDROOM	100	100.0			3787			03:48	05:26	06:19
1458	L/K/D	200	24.4		53.8	2786	2260	1812	01:33	02:43	01:06
1459	L/K/D	200	71.4		88.4	3306	2955	2632	04:15	05:35	06:19

Table 70: Assessment Data



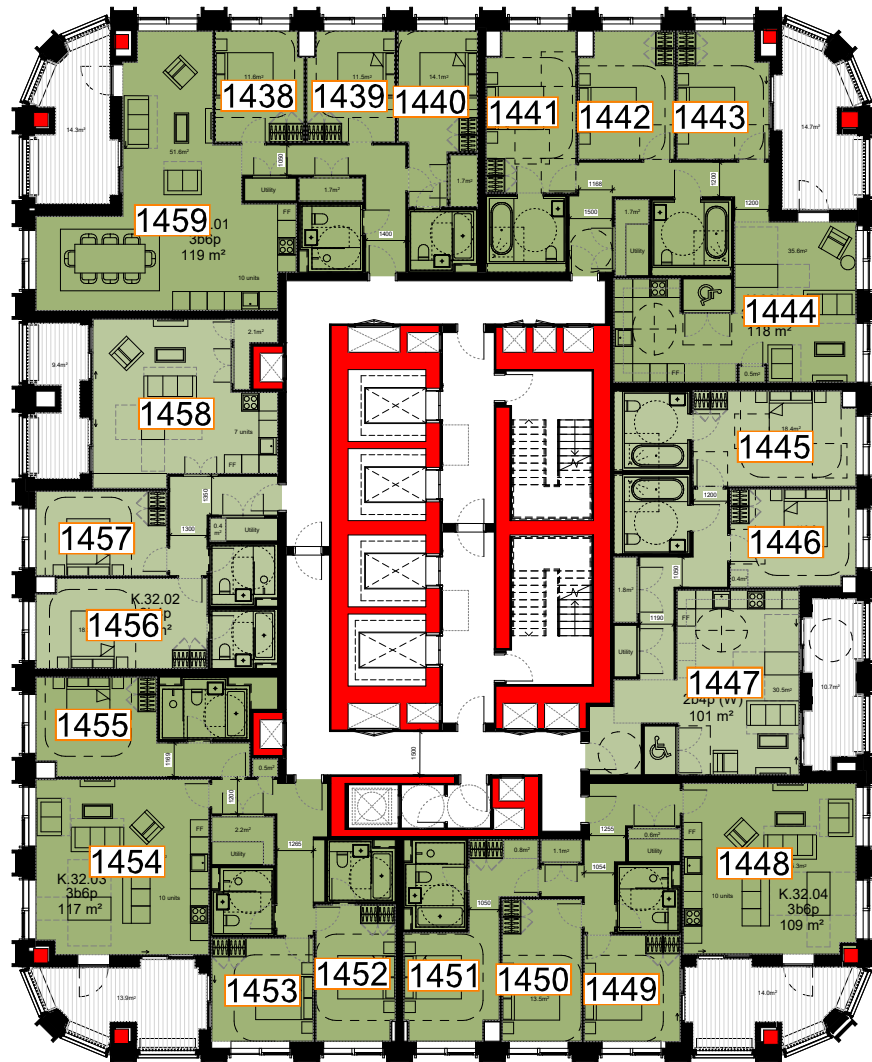


Fig. 78: Floor Plan



## Block K–Level 32

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K - LEVEL 32											
1460	BEDROOM	100	100.0			3868			00:00	00:00	00:32
1461	BEDROOM	100	100.0			3870			00:00	00:00	00:32
1462	BEDROOM	100	100.0			3831			00:00	00:00	00:32
1463	BEDROOM	100	100.0			3691			00:00	00:00	00:32
1464	BEDROOM	100	100.0			3627			00:00	00:00	00:32
1465	BEDROOM	100	100.0			3817			00:00	00:00	00:39
1466	LIVING ROOM	150	100.0			3864	3661		00:00	00:09	01:25
1467	BEDROOM	100	100.0			3701			00:00	00:09	01:25
1468	BEDROOM	100	100.0			3807			00:00	00:09	01:25
1469	L/K/D	200	18.0		59.9	2958	2276	1678	00:00	00:00	01:05
1470	L/K/D	200	100.0		100.0	3739	3536	3332	02:37	01:36	01:31
1471	BEDROOM	100	100.0			3907			05:34	06:12	06:52
1472	BEDROOM	100	100.0			3847			05:34	06:12	06:52
1473	BEDROOM	100	100.0			3788			05:34	06:12	06:52
1474	BEDROOM	100	100.0			3816			05:34	06:12	06:52
1475	BEDROOM	100	100.0			3895			05:34	06:12	06:52
1476	L/K/D	200	100.0		100.0	3707	3511	3300	06:30	06:24	07:23
1477	BEDROOM	100	100.0			3768			03:45	05:25	06:19
1478	BEDROOM	100	100.0			3529			03:48	05:25	06:19
1479	BEDROOM	100	100.0			3804			03:53	05:31	06:19
1480	L/K/D	200	26.4		56.6	2820	2300	1834	01:43	02:43	01:06
1481	L/K/D	200	74.0		90.0	3348	3004	2665	04:32	05:35	06:19

Table 71: Assessment Data

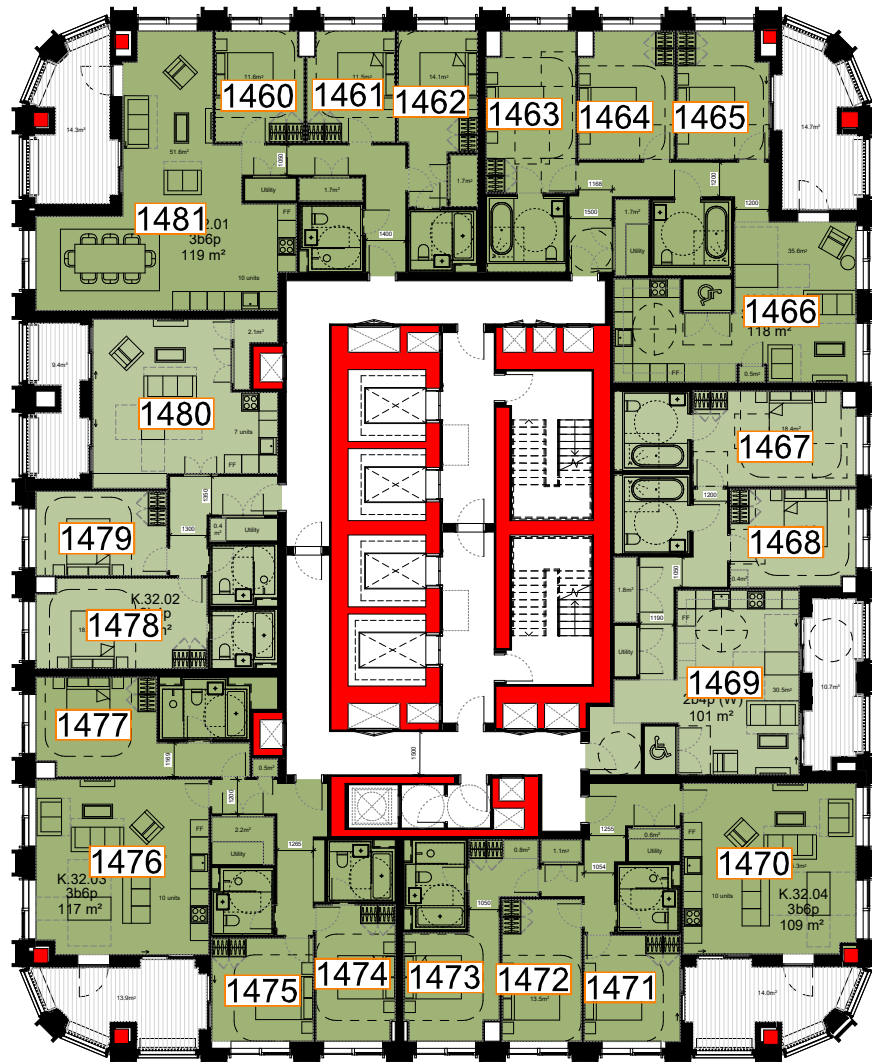


Fig. 79: Floor Plan



## Block K–Level 33

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K - LEVEL 33											
1482	BEDROOM	100	100.0			3847			00:00	00:00	00:32
1483	BEDROOM	100	100.0			3848			00:00	00:00	00:32
1484	BEDROOM	100	100.0			3815			00:00	00:00	00:32
1485	BEDROOM	100	100.0			3645			00:00	00:00	00:32
1486	BEDROOM	100	100.0			3612			00:00	00:00	00:32
1487	BEDROOM	100	100.0			3791			00:00	00:00	00:39
1488	LIVING ROOM	150	100.0			3819	3617		00:00	00:09	01:25
1489	BEDROOM	100	100.0			3643			00:00	00:09	01:25
1490	BEDROOM	100	100.0			3768			00:00	00:09	01:25
1491	L/K/D	200	11.0		34.0	2840	2065	1457	00:00	00:00	01:05
1492	L/K/D	200	100.0		100.0	3726	3509	3299	02:42	01:40	01:34
1493	BEDROOM	100	100.0			3881			05:34	06:12	06:52
1494	BEDROOM	100	100.0			3821			05:34	06:12	06:52
1495	BEDROOM	100	100.0			3745			05:34	06:12	06:52
1496	BEDROOM	100	100.0			3785			05:34	06:12	06:52
1497	BEDROOM	100	100.0			3865			05:34	06:12	06:52
1498	L/K/D	200	100.0		100.0	3702	3493	3284	06:31	06:36	07:19
1499	BEDROOM	100	100.0			3735			03:53	05:31	06:15
1500	BEDROOM	100	100.0			3509			03:56	05:34	06:15
1501	BEDROOM	100	100.0			3773			04:05	05:35	06:15
1502	L/K/D	200	18.8		49.8	2764	2207	1758	01:58	02:48	01:11
1503	L/K/D	200	78.3		94.3	3355	3006	2670	04:48	05:35	06:15

Table 72: Assessment Data

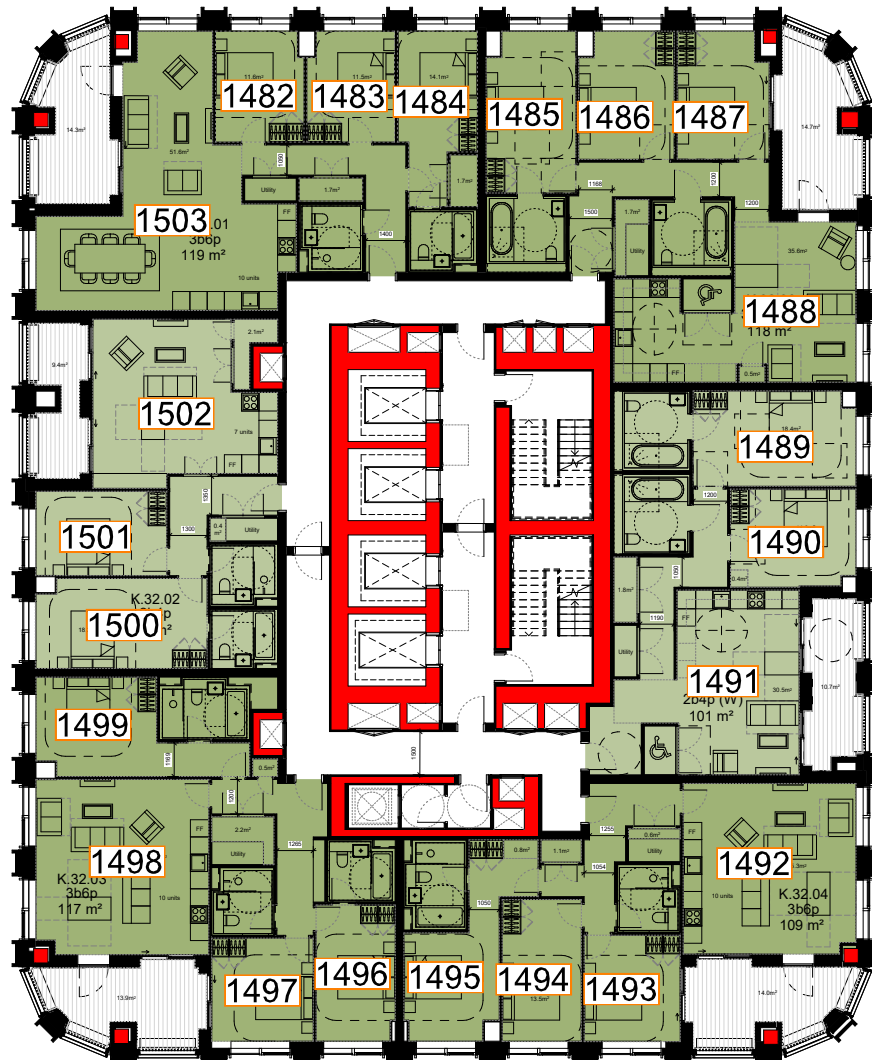


Fig. 80: Floor Plan



## Block K–Level 34

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K - LEVEL 34											
1504	BEDROOM	100	100.0			3963			00:00	00:00	00:01
1505	BEDROOM	100	100.0			3961			00:00	00:00	00:01
1506	BEDROOM	100	100.0			3945			00:00	00:00	00:01
1507	BEDROOM	100	100.0			3813			00:00	00:00	00:01
1508	BEDROOM	100	100.0			3870			00:00	00:00	00:01
1509	BEDROOM	100	100.0			3886			00:00	00:00	00:17
1510	LIVING ROOM	150	100.0			3947	3774		00:00	00:00	00:54
1511	BEDROOM	100	100.0			3792			00:00	00:00	00:54
1512	BEDROOM	100	100.0			3890			00:00	00:00	00:54
1513	L/K/D	200	59.5		99.8	3295	2827	2279	00:00	00:04	00:53
1514	L/K/D	200	100.0		100.0	3842	3649	3485	02:37	01:51	01:31
1515	BEDROOM	100	100.0			3978			05:10	05:50	06:33
1516	BEDROOM	100	100.0			3947			05:10	05:50	06:30
1517	BEDROOM	100	100.0			3896			05:10	05:50	06:30
1518	BEDROOM	100	100.0			3916			05:10	05:50	06:30
1519	BEDROOM	100	100.0			3992			05:25	06:09	06:32
1520	L/K/D	200	100.0		100.0	3808	3628	3477	06:16	07:36	07:12
1521	BEDROOM	100	100.0			3884			03:43	05:13	06:00
1522	BEDROOM	100	100.0			3737			03:48	05:13	06:00
1523	BEDROOM	100	100.0			3880			03:57	05:13	06:00
1524	L/K/D	200	61.4		85.9	3134	2719	2340	02:30	03:23	02:09
1525	L/K/D	200	86.4		97.9	3559	3255	2992	04:29	05:13	06:00

Table 73: Assessment Data

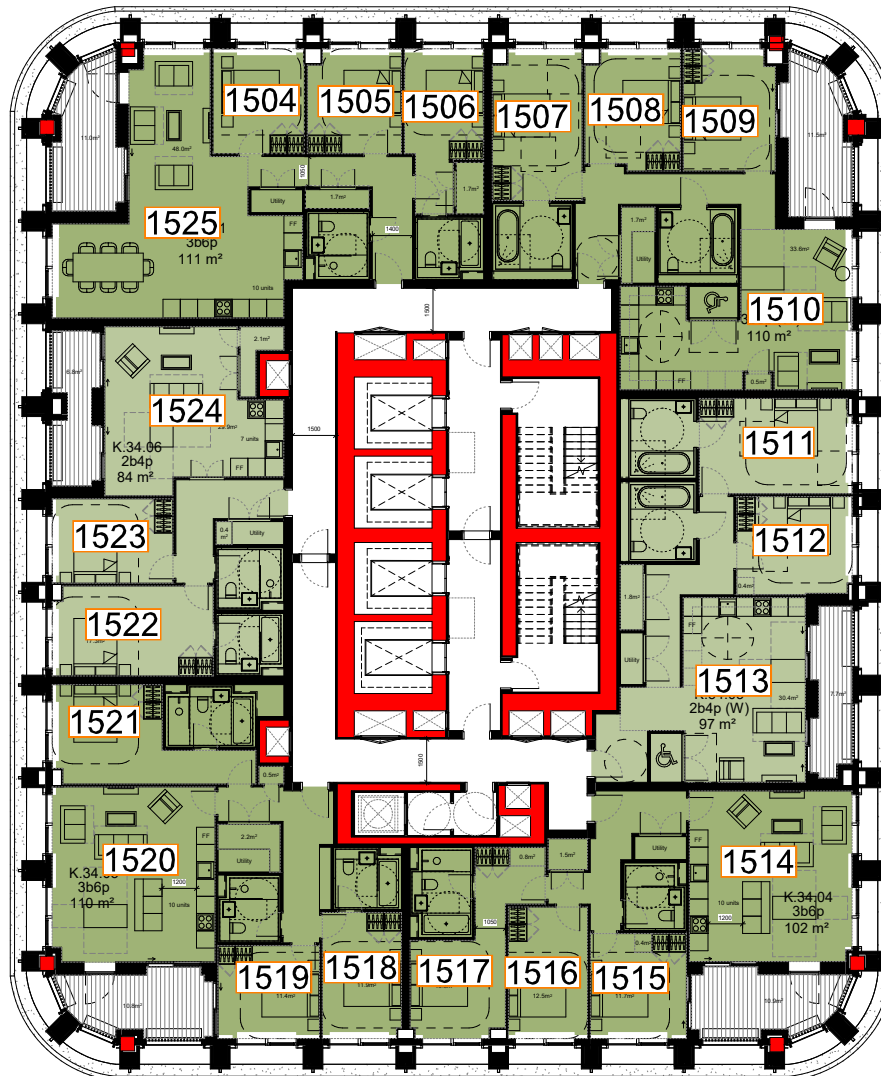


Fig. 81: Floor Plan



## Block K–Level 35

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K - LEVEL 35											
1526	BEDROOM	100	100.0			3969			00:00	00:00	00:01
1527	BEDROOM	100	100.0			3969			00:00	00:00	00:01
1528	BEDROOM	100	100.0			3955			00:00	00:00	00:01
1529	BEDROOM	100	100.0			3813			00:00	00:00	00:01
1530	BEDROOM	100	100.0			3873			00:00	00:00	00:01
1531	BEDROOM	100	100.0			3896			00:00	00:00	00:17
1532	LIVING ROOM	150	100.0			3956	3784		00:00	00:00	00:54
1533	BEDROOM	100	100.0			3794			00:00	00:00	00:54
1534	BEDROOM	100	100.0			3893			00:00	00:00	00:54
1535	L/K/D	200	73.0		100.0	3336	2892	2375	00:00	00:04	00:53
1536	L/K/D	200	100.0		100.0	3849	3661	3492	02:37	01:51	01:31
1537	BEDROOM	100	100.0			3981			05:10	05:50	06:33
1538	BEDROOM	100	100.0			3958			05:10	05:50	06:30
1539	BEDROOM	100	100.0			3897			05:10	05:50	06:30
1540	BEDROOM	100	100.0			3917			05:10	05:50	06:30
1541	BEDROOM	100	100.0			3996			05:29	06:12	06:32
1542	L/K/D	200	100.0		100.0	3817	3637	3490	06:30	07:36	07:12
1543	BEDROOM	100	100.0			3892			03:57	05:13	06:00
1544	BEDROOM	100	100.0			3742			04:03	05:13	06:00
1545	BEDROOM	100	100.0			3883			04:09	05:13	06:00
1546	L/K/D	200	68.1		89.7	3176	2783	2399	02:37	03:23	02:09
1547	L/K/D	200	88.6		98.9	3579	3270	3017	04:29	05:13	06:00

Table 74: Assessment Data



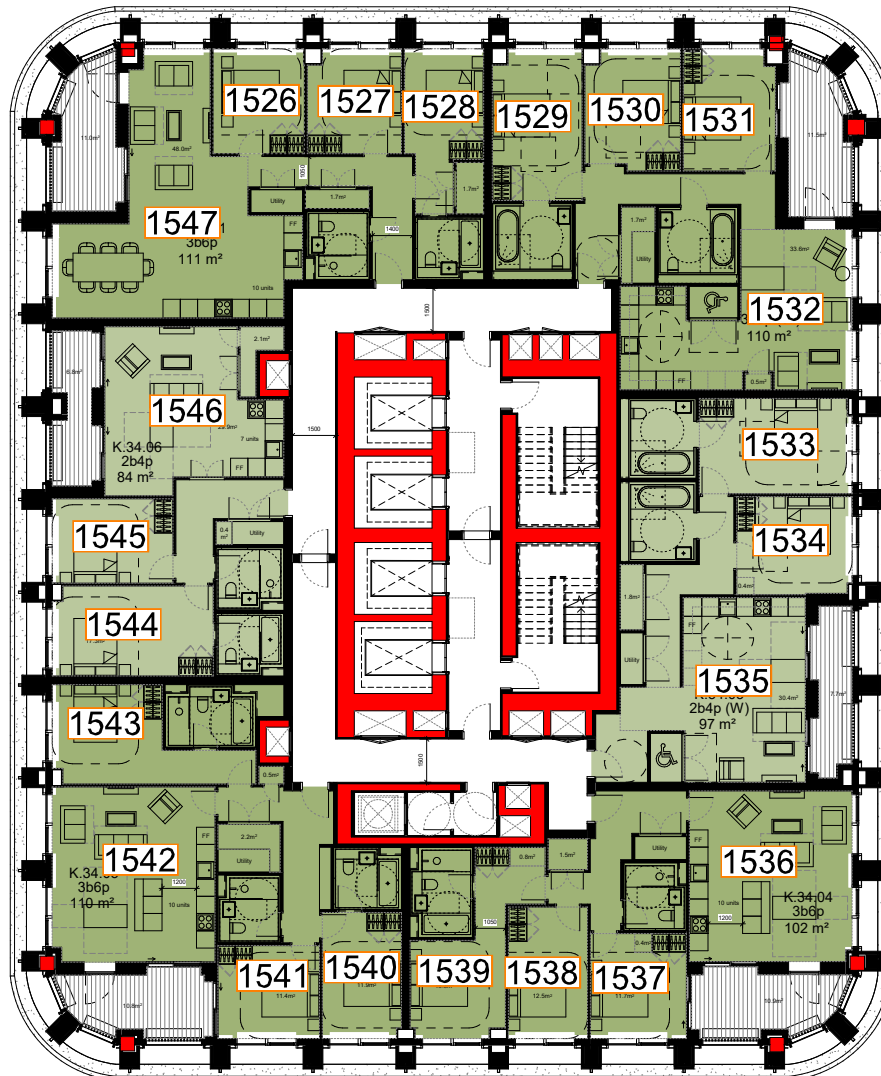


Fig. 82: Floor Plan



## Block K–Level 36

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
		BLOCK K - LEVEL 36									
1548	BEDROOM	100	100.0			3973			00:00	00:00	00:01
1549	BEDROOM	100	100.0			3972			00:00	00:00	00:01
1550	BEDROOM	100	100.0			3963			00:00	00:00	00:01
1551	BEDROOM	100	100.0			3819			00:00	00:00	00:01
1552	BEDROOM	100	100.0			3876			00:00	00:00	00:01
1553	BEDROOM	100	100.0			3897			00:00	00:00	00:17
1554	LIVING ROOM	150	100.0			3958	3790		00:00	00:00	00:54
1555	BEDROOM	100	100.0			3795			00:00	00:00	00:54
1556	BEDROOM	100	100.0			3893			00:00	00:00	00:54
1557	L/K/D	200	76.0		100.0	3347	2901	2394	00:00	00:04	00:53
1558	L/K/D	200	100.0		100.0	3857	3664	3495	02:37	01:51	01:31
1559	BEDROOM	100	100.0			3984			05:10	05:50	06:33
1560	BEDROOM	100	100.0			3958			05:10	05:50	06:30
1561	BEDROOM	100	100.0			3901			05:10	05:50	06:30
1562	BEDROOM	100	100.0			3917			05:10	05:50	06:30
1563	BEDROOM	100	100.0			3996			05:38	06:12	06:32
1564	L/K/D	200	100.0		100.0	3817	3643	3495	06:43	07:36	07:12
1565	BEDROOM	100	100.0			3895			04:06	05:13	06:00
1566	BEDROOM	100	100.0			3749			04:14	05:13	06:00
1567	BEDROOM	100	100.0			3885			04:16	05:13	06:00
1568	L/K/D	200	70.9		93.7	3190	2801	2418	02:38	03:23	02:09
1569	L/K/D	200	89.4		99.7	3583	3279	3028	04:29	05:13	06:00

Table 75: Assessment Data

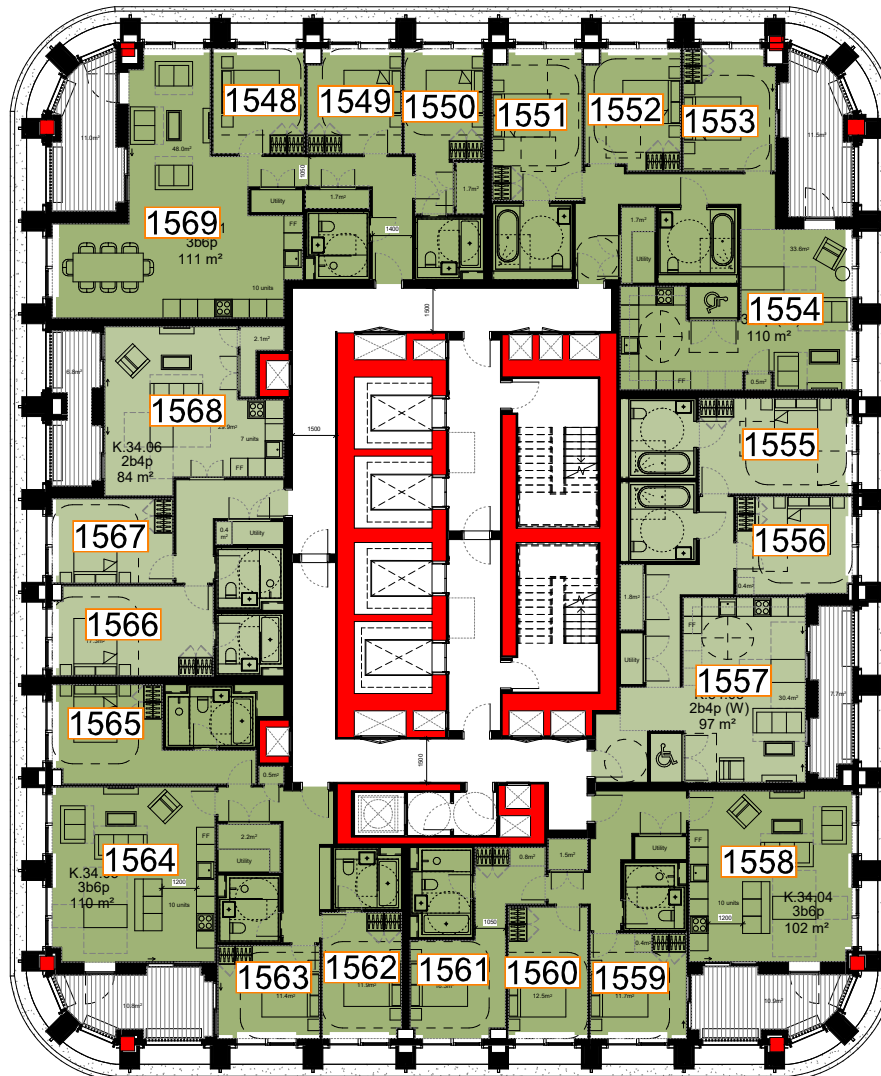


Fig. 83: Floor Plan



## Block K–Level 37

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
		BLOCK K - LEVEL 37									
1570	BEDROOM	100	100.0			3981			00:00	00:00	00:01
1571	BEDROOM	100	100.0			3974			00:00	00:00	00:01
1572	BEDROOM	100	100.0			3964			00:00	00:00	00:01
1573	BEDROOM	100	100.0			3824			00:00	00:00	00:01
1574	BEDROOM	100	100.0			3885			00:00	00:00	00:01
1575	BEDROOM	100	100.0			3904			00:00	00:00	00:17
1576	LIVING ROOM	150	100.0			3958	3788		00:00	00:00	00:54
1577	BEDROOM	100	100.0			3795			00:00	00:00	00:54
1578	BEDROOM	100	100.0			3892			00:00	00:00	00:54
1579	L/K/D	200	60.5		99.8	3299	2829	2300	00:00	00:04	00:53
1580	L/K/D	200	100.0		100.0	3857	3664	3496	02:37	01:49	01:24
1581	BEDROOM	100	100.0			3986			05:10	05:50	06:33
1582	BEDROOM	100	100.0			3958			05:10	05:50	06:30
1583	BEDROOM	100	100.0			3899			05:10	05:50	06:30
1584	BEDROOM	100	100.0			3919			05:10	05:50	06:30
1585	BEDROOM	100	100.0			3996			05:52	06:10	06:32
1586	L/K/D	200	100.0		100.0	3819	3644	3498	06:57	07:36	07:12
1587	BEDROOM	100	100.0			3898			04:18	05:13	06:00
1588	BEDROOM	100	100.0			3750			04:17	05:13	06:00
1589	BEDROOM	100	100.0			3884			04:17	05:13	06:00
1590	L/K/D	200	72.4		96.2	3199	2811	2430	02:41	03:23	02:09
1591	L/K/D	200	89.9		99.9	3584	3277	3028	04:29	05:13	06:00

Table 76: Assessment Data

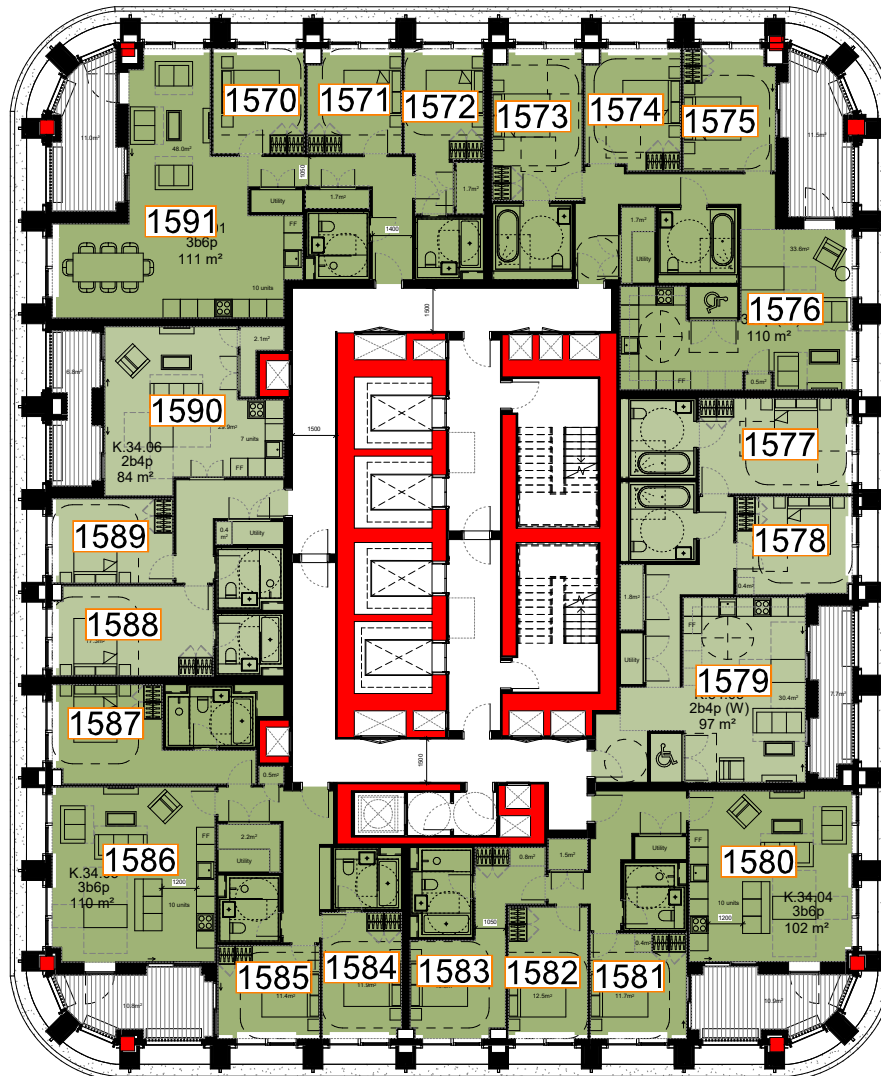


Fig. 84: Floor Plan



Block K–Level 38

ROOM REF.	ROOM USE	DAYLIGHT							SUNLIGHT		
		EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK K – LEVEL 38											
1592	L/K/D	200	100.0		100.0	3638	3399	3154	04:29	04:36	04:18
1593	L/K/D	200	100.0		100.0	3736	3523	3294	00:00	00:00	00:25
1594	BEDROOM	100	100.0			3816			00:00	00:00	00:54
1595	BEDROOM	100	100.0			3854			00:00	00:00	00:54
1596	BEDROOM	100	100.0			3254			00:00	00:00	00:00
1597	BEDROOM	100	96.2			2665			00:00	00:00	00:00
1598	BEDROOM	100	100.0			3412			00:00	00:00	00:00
1599	BEDROOM	100	100.0			3743			00:00	00:00	00:43
1600	L/K/D	200	100.0		100.0	3728	3524	3323	05:41	05:08	04:33
1601	BEDROOM	100	100.0			3774			06:25	05:19	04:58
1602	BEDROOM	100	100.0			3693			04:18	04:36	04:18
1603	BEDROOM	100	98.2			2691			02:28	02:33	00:57
1604	BEDROOM	100	100.0			3178			02:25	02:39	01:03
1605	BEDROOM	100	100.0			3796			04:29	04:36	04:18
1606	BEDROOM	100	100.0			3812			04:29	04:36	04:18

Table 77: Assessment Data

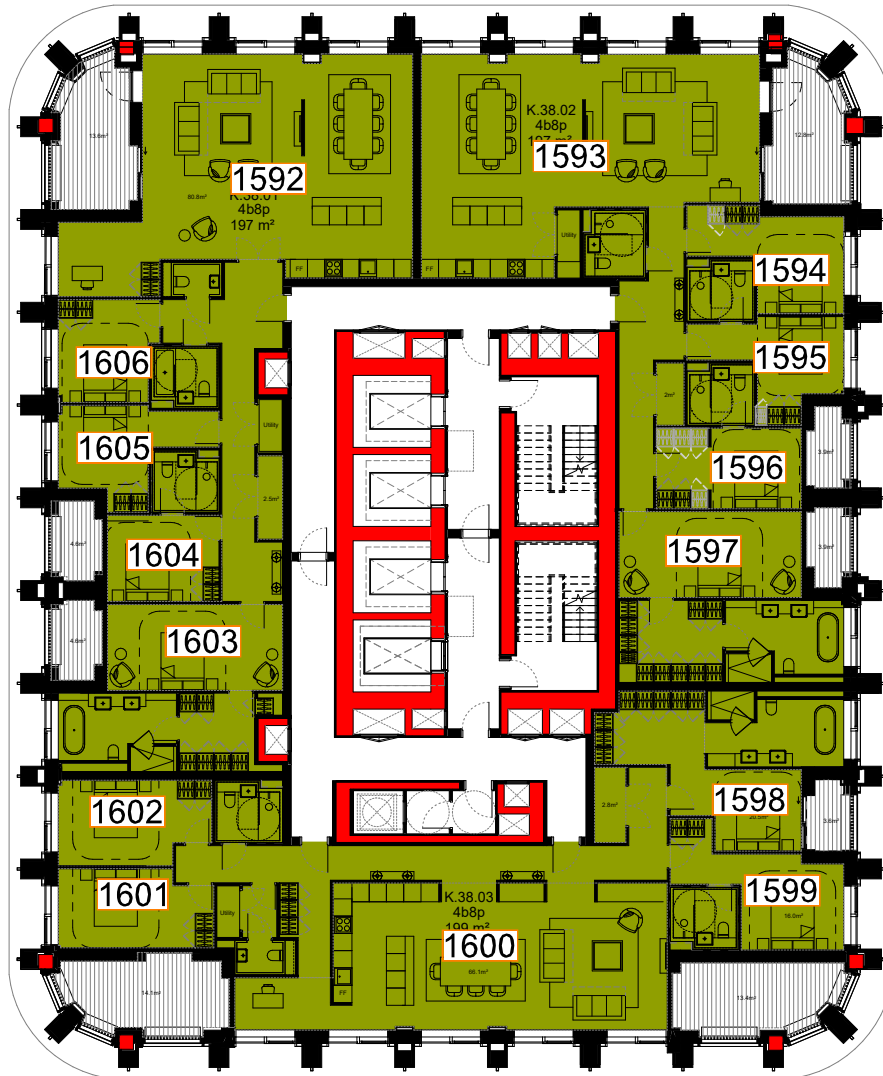


Fig. 85: Floor Plan



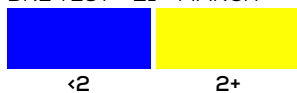
## 8 OVERSHADOWING ASSESSMENTS

### OVERSHADOWING ASSESSMENT SUN HOURS ON GROUND - BRE TEST



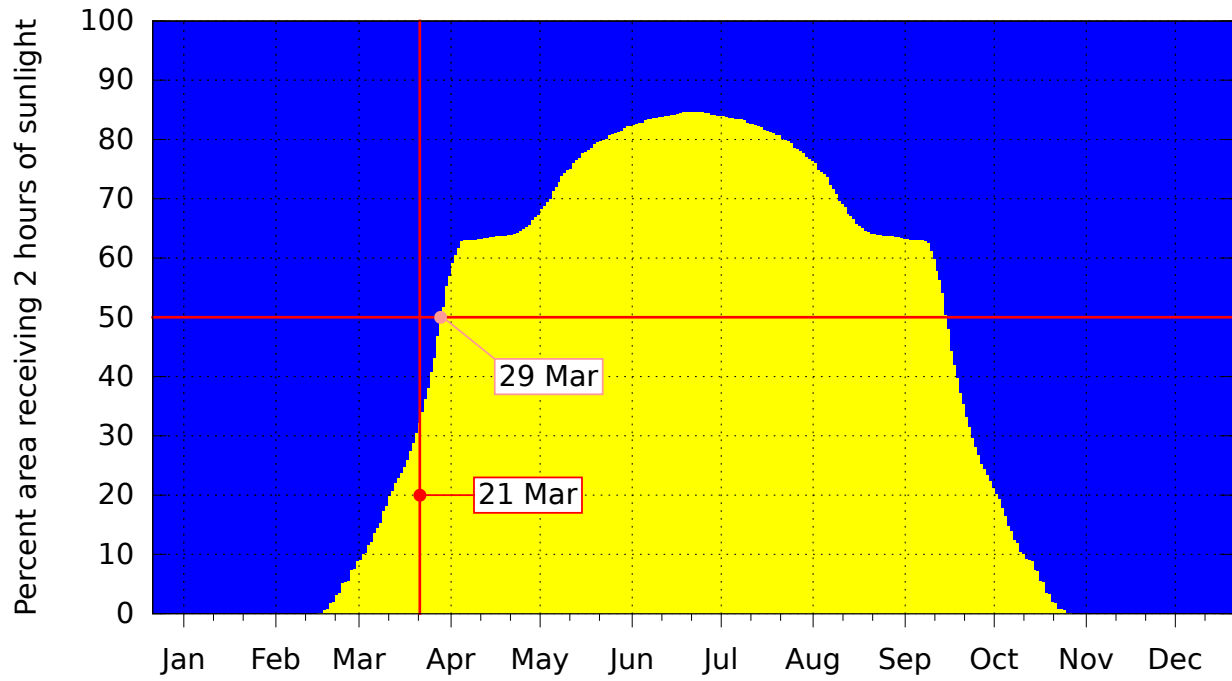
(BRE RECOMMENDS 2+ HOURS OF SUNLIGHT ON 21ST MARCH FOR AT LEAST 50% OF THE OPEN SPACE)  
**PUBLIC REALM SEEING 2+ HRS: 32% (50% MET ON 29<sup>TH</sup> MARCH)**

#### SUN HOURS ON GROUND BRE TEST - 21<sup>ST</sup> MARCH



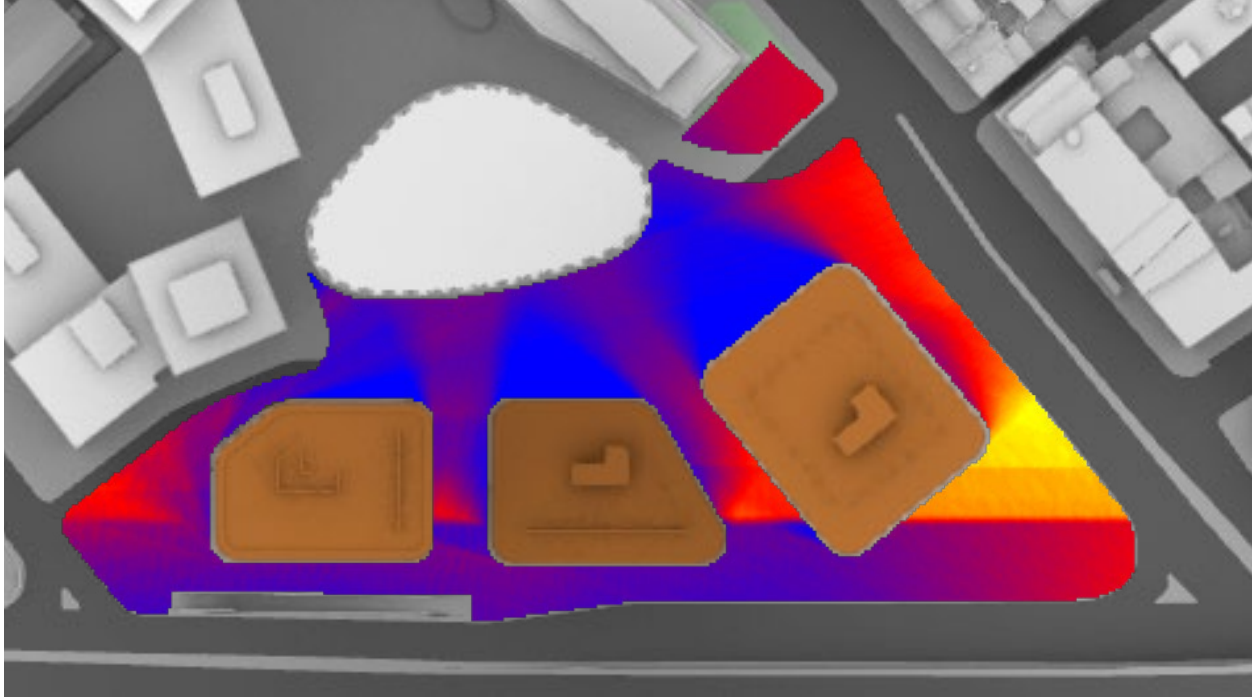


# OVERSHADOWING ASSESSMENT SUN HOURS ON GROUND - ANNUALLY

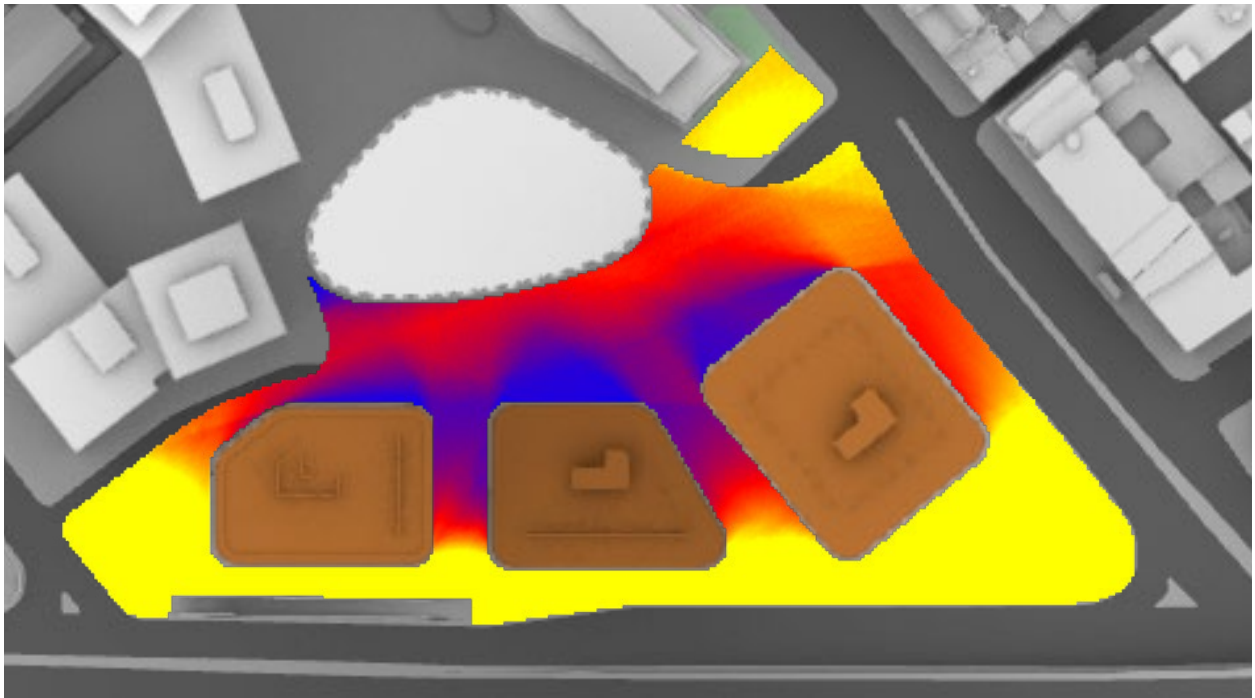


OVERSHADOWING ASSESSMENT - OPEN SPACE  
 SUN HOURS ON GROUND - SUN EXPOSURE DURING THE SPRING & SUMMER MONTHS

21<sup>ST</sup> MARCH  
 (21<sup>ST</sup> SEPTEMBER)



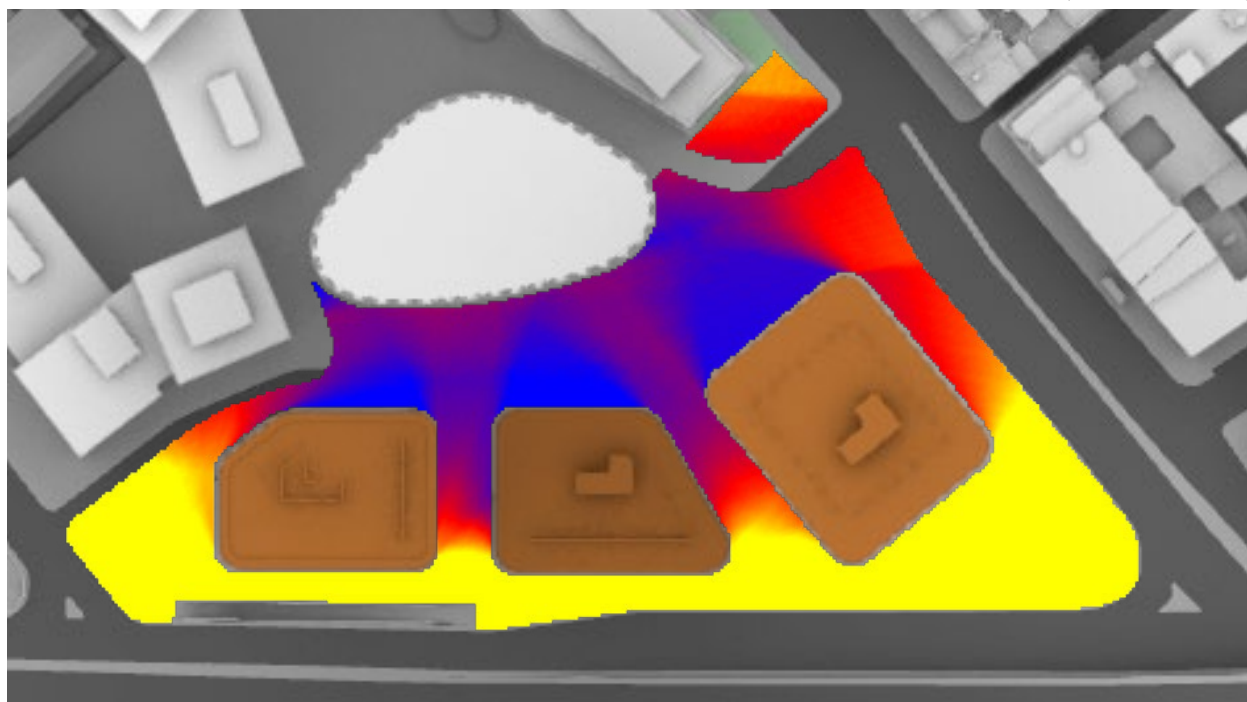
21<sup>ST</sup> MAY  
 (21<sup>ST</sup> JULY)



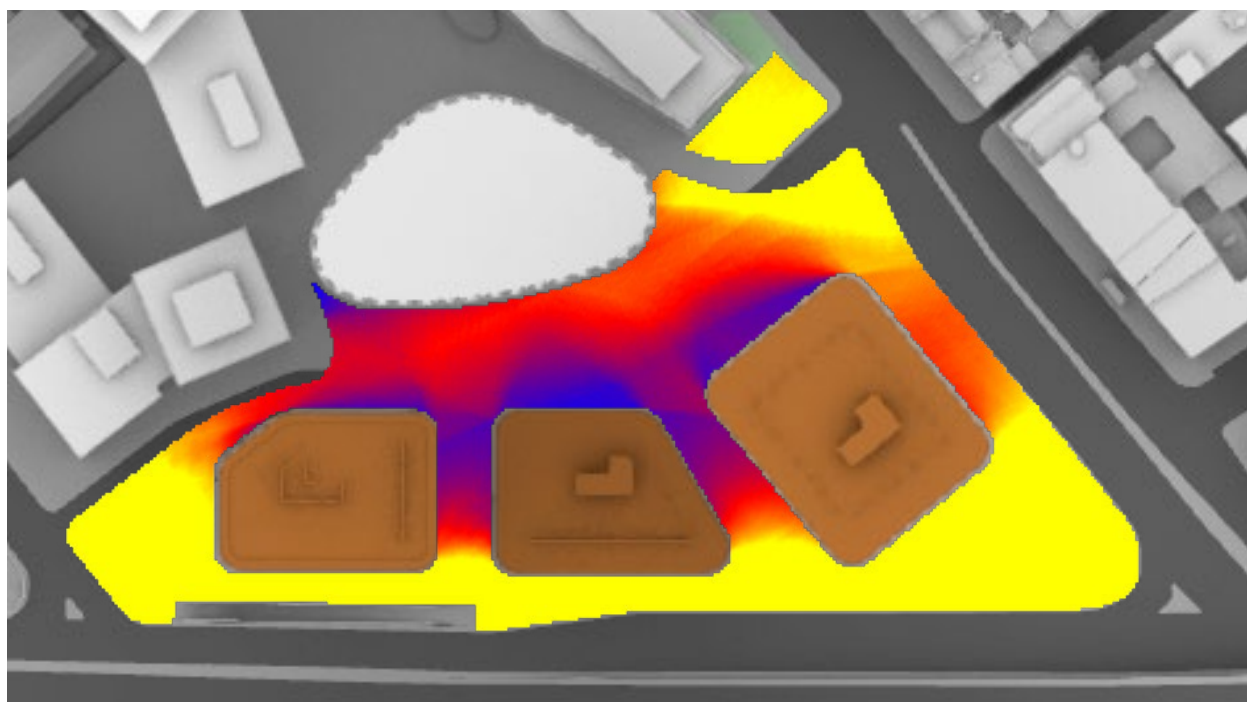
SUN EXPOSURE  
 TOTAL HOURS



**21<sup>ST</sup> APRIL  
(21<sup>ST</sup> AUGUST)**



**21<sup>ST</sup> JUNE**





## **9 INTERNAL DAYLIGHT, SUNLIGHT & OVERSHADOWING ASSESSMENTS**

(2021 Scheme)



## Submitted Scheme

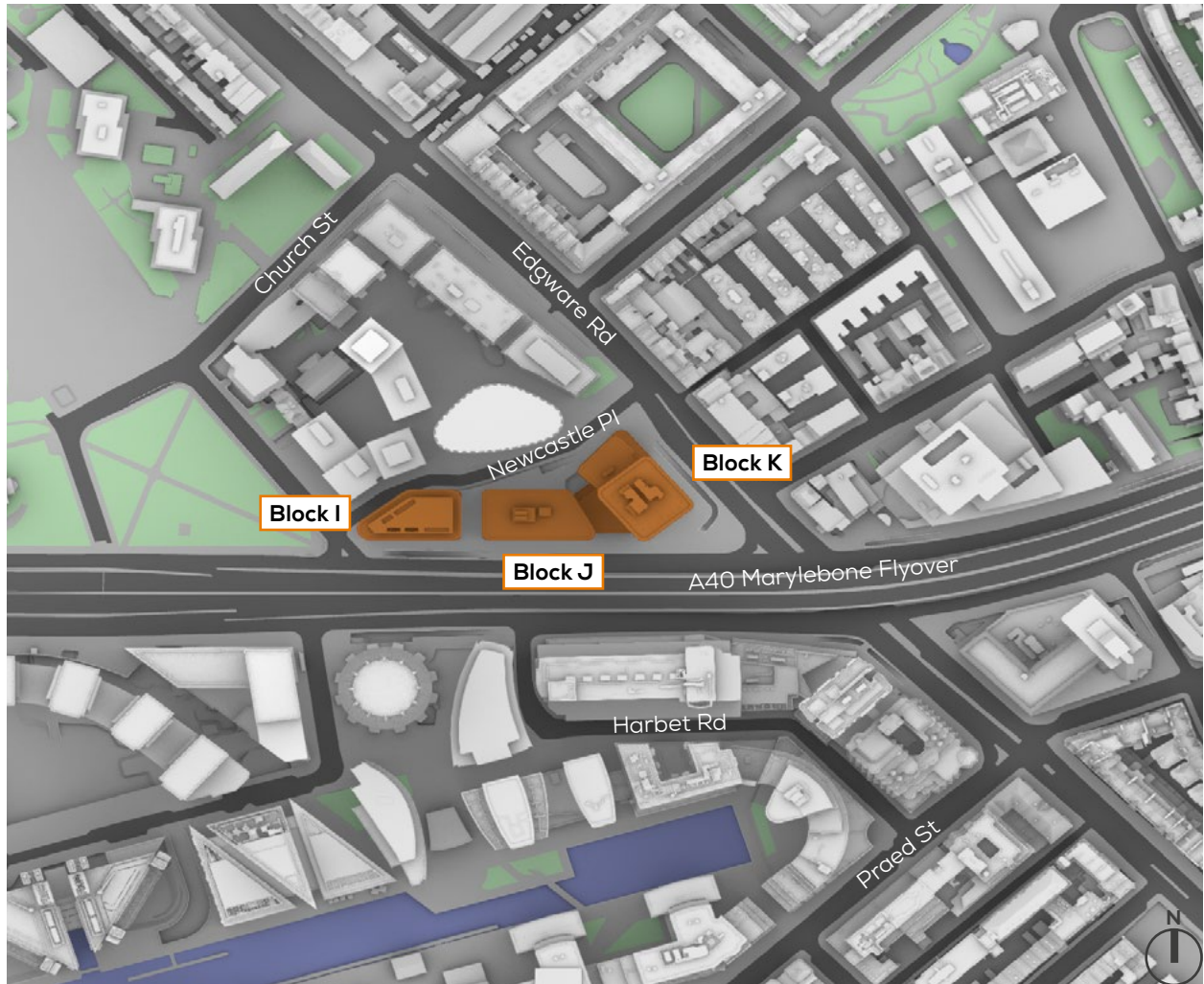


Fig. 86: Top view

## Submitted Scheme

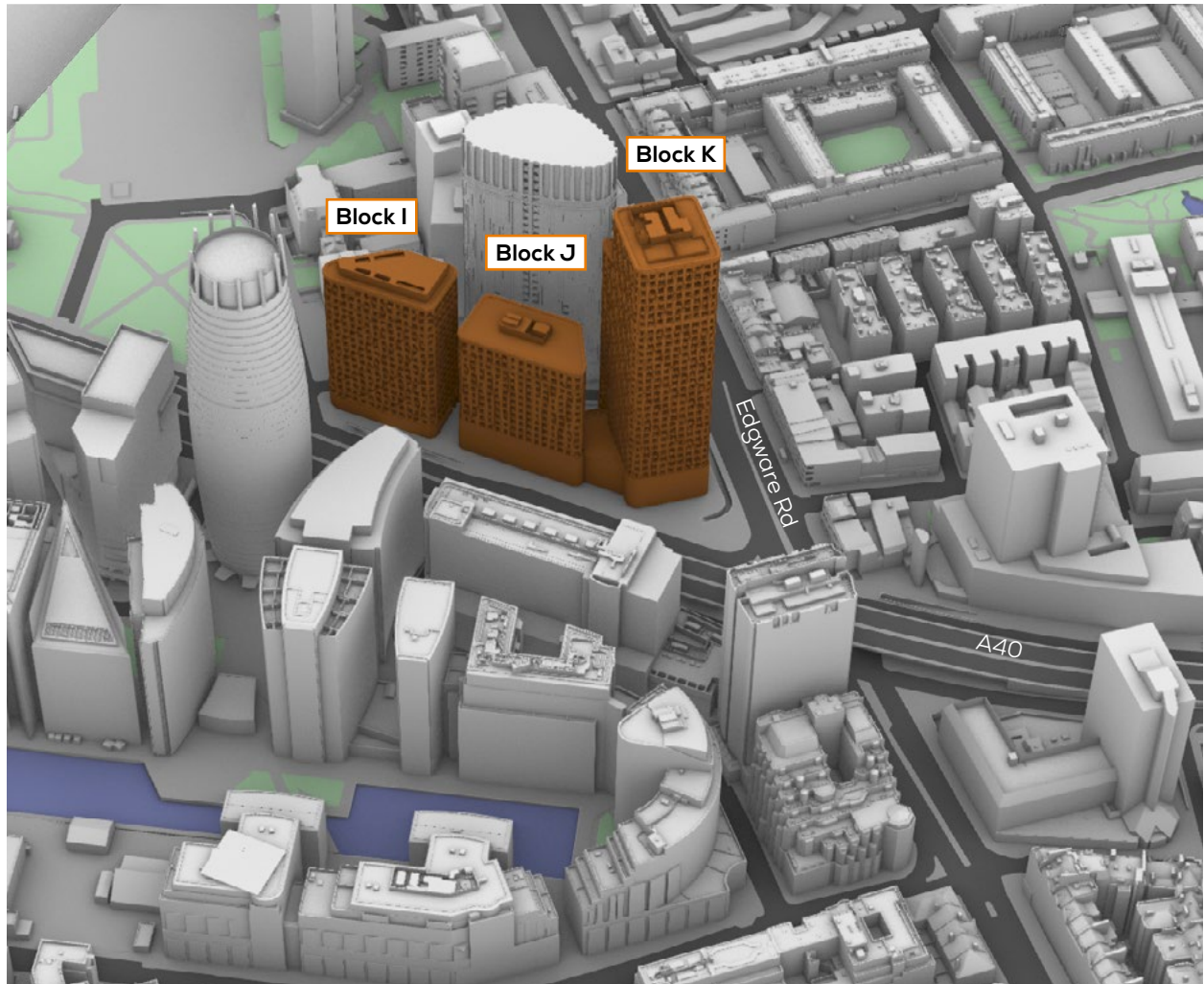


Fig. 87: Perspective view

Block I–Level 00

		DAYLIGHT						SUNLIGHT			
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylit hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK I - LEVEL 00											
1	BEDROOM	100	19.1			1370			00:00	00:00	00:00
2	BEDROOM	100	16.0			1166			00:00	00:00	00:00
3	L/K/D	200	0.0		0.0	275	170	141	00:00	00:00	00:00
4	LIVING ROOM	150	38.7			2586	1900		00:00	00:00	00:00
5	BEDROOM	100	5.5			375			00:00	00:00	00:00

Table 78: Assessment Data



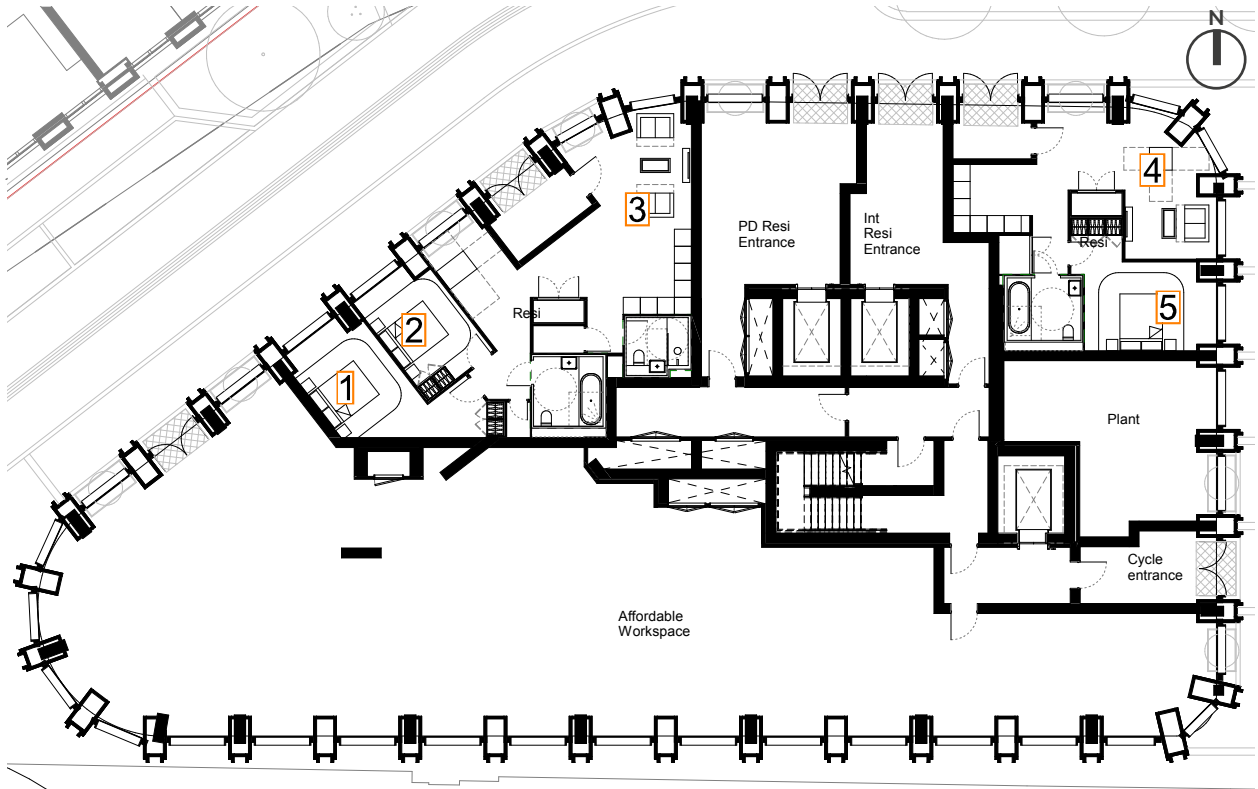


Fig. 88: Floor Plan



## Block I – Level 01

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK I - LEVEL 01											
6	BEDROOM	100	96.5			2960			00:00	00:00	01:08
7	BEDROOM	100	15.1			1260			00:00	00:00	01:05
8	BEDROOM	100	4.9			943			00:00	00:00	01:05
9	L/K/D	200	0.0		0.0	891	550	410	00:00	00:00	01:02
10	BEDROOM	100	0.0			27			00:00	00:00	00:00
11	BEDROOM	100	0.0			370			00:00	00:00	00:00
12	L/K/D	200	0.0		0.0	149	93	16	00:00	00:00	00:00
13	BEDROOM	100	0.0			0			00:00	00:00	00:00
14	L/K/D	200	0.0		0.0	440	129	43	00:00	00:00	00:00
15	BEDROOM	100	89.3			2769			00:00	00:00	00:00
16	BEDROOM	100	21.1			918			00:00	00:10	00:17
17	L/K/D	200	0.0		0.0	4	0	0	00:00	00:00	00:00
18	BEDROOM	100	0.0			331			00:00	00:00	01:00
19	BEDROOM	100	9.5			1397			00:00	00:00	02:06
20	L/K/D	200	65.1		86.5	3251	2869	2509	00:29	00:42	04:02
21	BEDROOM	100	10.8			1839			00:23	00:00	00:00
22	L/K/D	200	10.7		16.8	1908	1381	1038	00:28	00:20	03:06
23	BEDROOM	100	79.9			2511			00:15	00:18	03:04
24	L/K/D	200	14.3		20.5	1667	1229	839	00:12	00:18	03:03
25	BEDROOM	100	0.0			940			00:09	00:00	00:00
26	L/K/D	200	5.8		8.0	1232	665	488	00:06	00:22	02:51
27	BEDROOM	100	100.0			3008			00:04	00:23	02:47
28	BEDROOM	100	59.3			2329			00:09	00:24	02:44
29	L/K/D	200	96.8		100.0	3434	3102	2761	00:28	01:14	04:58

Table 79: Assessment Data

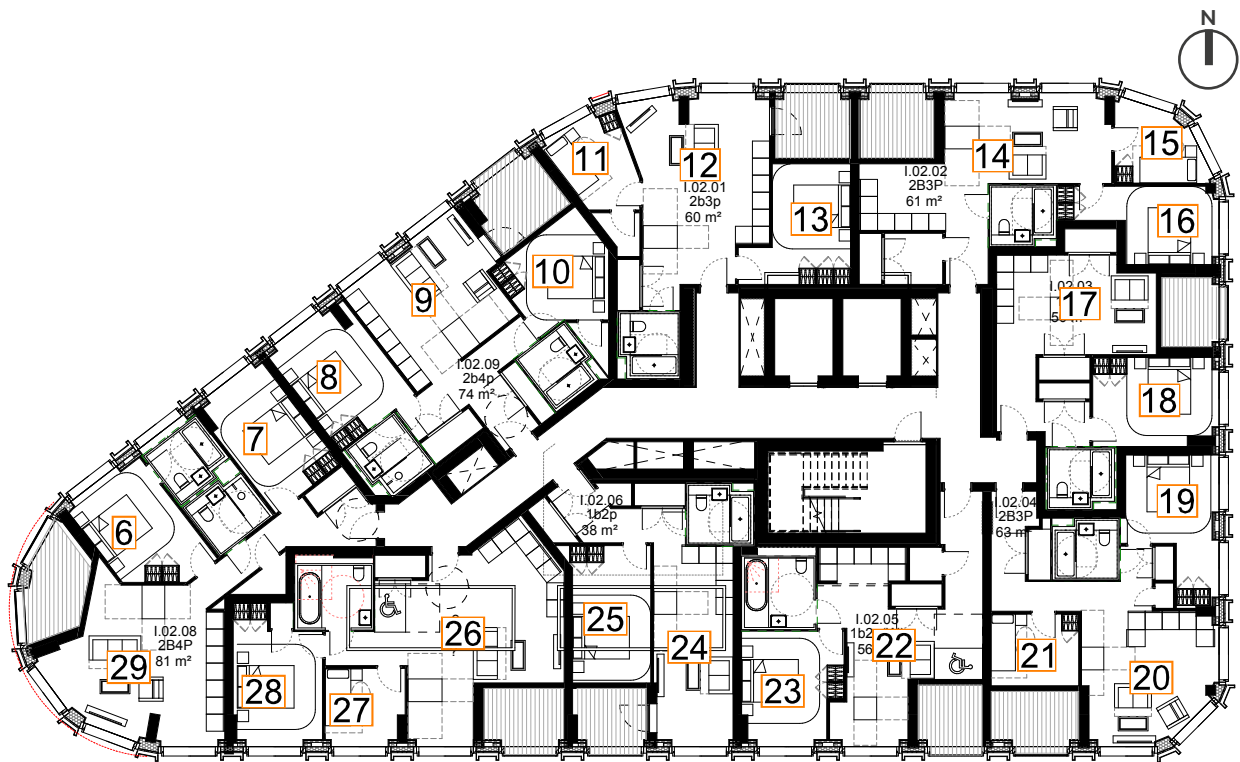
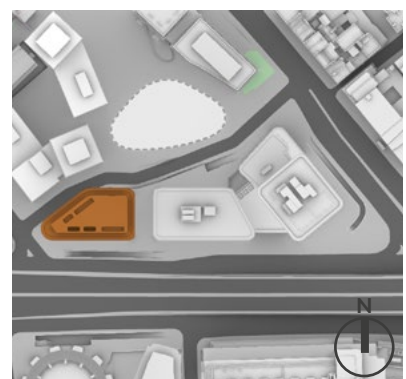


Fig. 89: Floor Plan



Block I–Level 02

ROOM REF.	ROOM USE	DAYLIGHT				EN DAYLIGHT AUTONOMY			SUNLIGHT		
		percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK I – LEVEL 02											
30	BEDROOM	100	100.0			3253			00:00	00:00	01:08
31	BEDROOM	100	29.2			1612			00:00	00:00	01:09
32	BEDROOM	100	12.6			1229			00:00	00:00	01:08
33	L/K/D	200	1.6		3.6	1213	806	552	00:00	00:00	01:06
34	BEDROOM	100	0.0			73			00:00	00:00	00:05
35	BEDROOM	100	1.7			727			00:00	00:00	00:00
36	L/K/D	200	0.0		0.0	167	77	20	00:00	00:00	00:00
37	BEDROOM	100	0.0			0			00:00	00:00	00:00
38	L/K/D	200	0.0		2.7	796	277	118	00:00	00:00	00:00
39	BEDROOM	100	100.0			3151			00:00	00:00	00:00
40	BEDROOM	100	32.4			1585			00:00	00:19	00:17
41	L/K/D	200	0.0		0.0	28	0	0	00:00	00:00	00:00
42	BEDROOM	100	1.3			495			00:00	00:14	01:00
43	BEDROOM	100	31.4			1903			00:00	00:04	02:15
44	L/K/D	200	87.3		98.3	3585	3266	3014	00:31	00:55	04:26
45	BEDROOM	100	20.8			1940			00:22	00:00	00:00
46	L/K/D	200	17.0		22.3	2100	1594	1261	00:27	00:25	03:27
47	BEDROOM	100	99.0			2883			00:15	00:27	03:23
48	L/K/D	200	21.9		28.4	1953	1482	1155	00:11	00:29	03:22
49	BEDROOM	100	0.0			1046			00:09	00:00	00:00
50	L/K/D	200	9.3		11.8	1420	944	587	00:06	00:35	03:11
51	BEDROOM	100	100.0			3359			00:06	00:34	03:07
52	BEDROOM	100	83.8			2794			00:09	00:35	03:05
53	L/K/D	200	99.3		100.0	3600	3308	3060	00:28	01:29	05:18

Table 80: Assessment Data

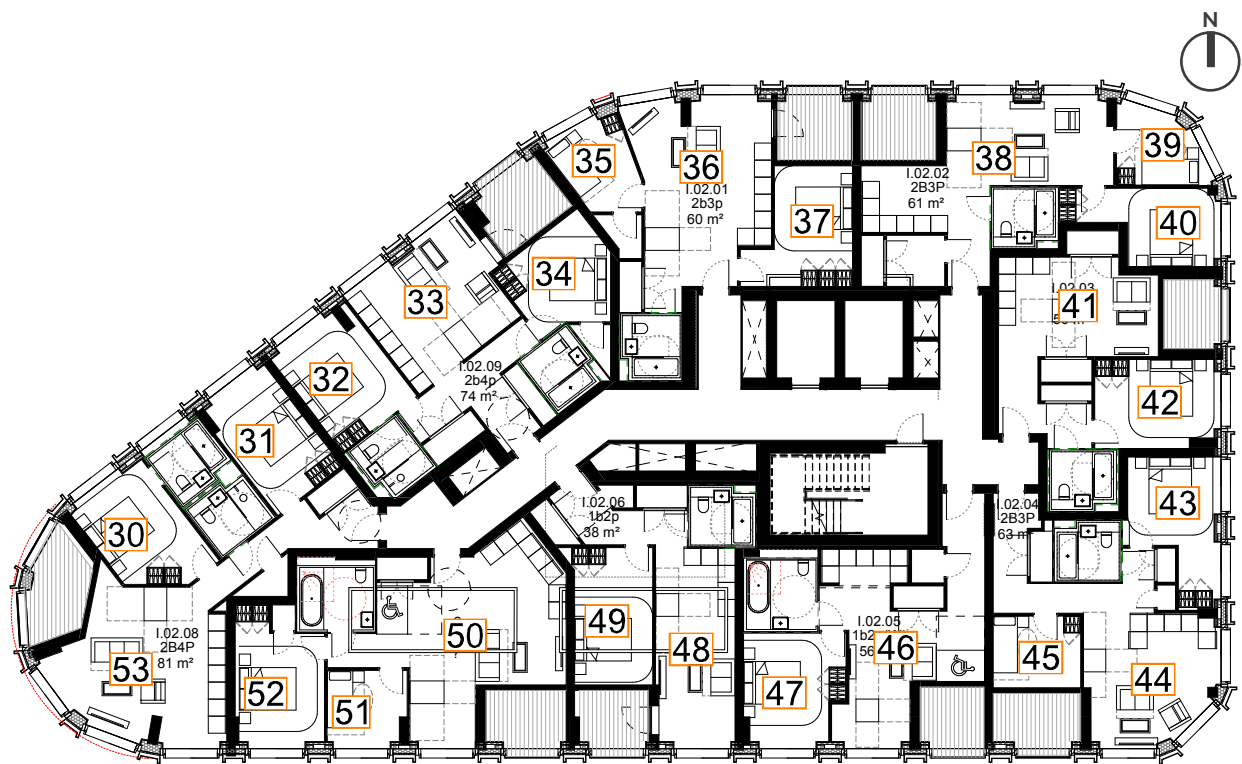
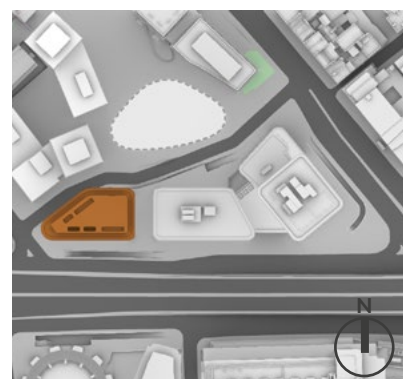


Fig. 90: Floor Plan



## Block I–Level 03

ROOM REF.	ROOM USE	DAYLIGHT							SUNLIGHT		
		EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK I - LEVEL 03											
54	BEDROOM	100	98.4			2753			00:00	00:00	01:10
55	BEDROOM	100	44.5			2072			00:00	00:00	01:10
56	BEDROOM	100	47.9			2158			00:00	00:00	01:10
57	L/K/D	200	3.3		5.4	532	201	109	00:00	00:00	01:10
58	BEDROOM	100	0.0			61			00:00	00:00	00:00
59	L/K/D	200	0.0		0.3	635	278	175	00:00	00:00	00:00
60	L/K/D	200	0.0		0.0	419	141	88	00:00	00:00	00:00
61	BEDROOM	100	0.0			0			00:00	00:00	00:00
62	L/K/D	200	17.2		32.1	2365	1657	1153	00:00	00:00	00:00
63	BEDROOM	100	0.0			45			00:00	00:00	00:00
64	BEDROOM	100	0.0			73			00:00	00:00	00:00
65	L/K/D	200	0.7		1.3	986	518	337	00:00	01:07	01:32
66	BEDROOM	100	16.5			1406			00:00	00:13	02:15
67	L/K/D	200	65.3		74.4	3481	3116	2863	00:38	01:12	05:07
68	L/K/D	200	19.5		24.9	2127	1621	1291	00:27	00:39	04:02
69	BEDROOM	100	99.5			2947			00:15	00:41	03:58
70	L/K/D	200	22.7		29.4	1954	1494	1151	00:11	00:40	03:54
71	BEDROOM	100	2.9			1167			00:08	00:00	00:00
72	BEDROOM	100	1.3			1217			00:06	00:00	00:00
73	L/K/D	200	51.6		74.1	3068	2639	2222	00:06	00:58	04:02
74	BEDROOM	100	99.5			2905			00:09	00:43	03:32
75	L/K/D	200	100.0		100.0	3614	3354	3114	00:28	01:36	05:47

Table 81: Assessment Data



Fig. 91: Floor Plan



Block I–Level 04

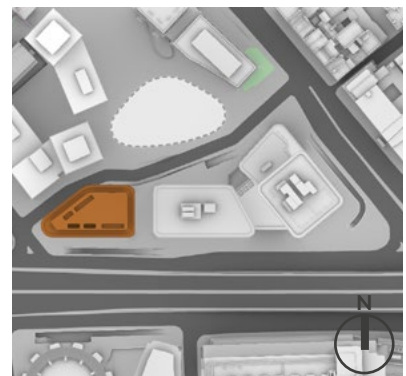
ROOM REF.	ROOM USE	DAYLIGHT							SUNLIGHT		
		EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200			
BLOCK I - LEVEL 04											
76	BEDROOM	100	100.0			3058			00:00	00:00	01:10
77	BEDROOM	100	55.5			2342			00:00	00:00	01:10
78	BEDROOM	100	73.1			2836			00:00	00:00	01:10
79	L/K/D	200	7.3		10.6	706	258	155	00:00	00:00	01:10
80	BEDROOM	100	0.0			113			00:00	00:00	00:00
81	L/K/D	200	11		3.8	831	405	254	00:00	00:00	00:00
82	L/K/D	200	0.0		1.5	670	156	96	00:00	00:00	00:00
83	BEDROOM	100	0.0			0			00:00	00:00	00:00
84	L/K/D	200	24.2		38.3	2573	1886	1383	00:00	00:00	00:00
85	BEDROOM	100	0.0			56			00:00	00:00	00:00
86	BEDROOM	100	0.0			78			00:00	00:00	00:00
87	L/K/D	200	0.7		1.7	1096	607	387	00:00	01:36	01:32
88	BEDROOM	100	20.0			1514			00:00	01:17	02:15
89	L/K/D	200	66.7		80.9	3527	3192	2956	00:45	01:54	05:57
90	L/K/D	200	21.0		25.7	2170	1677	1328	00:27	00:55	04:58
91	BEDROOM	100	100.0			2991			00:15	00:58	04:53
92	L/K/D	200	24.6		31.0	2003	1535	1201	00:13	00:55	04:46
93	BEDROOM	100	4.1			1191			00:10	00:00	00:00
94	BEDROOM	100	3.1			1261			00:08	00:00	00:00
95	L/K/D	200	56.9		79.9	3109	2729	2330	00:09	01:06	04:39
96	BEDROOM	100	100.0			2987			00:08	00:50	04:15
97	L/K/D	200	100.0		100.0	3635	3397	3159	00:27	01:44	06:29

Table 82: Assessment Data





Fig. 92: Floor Plan



## Block I–Level 05

		DAYLIGHT							SUNLIGHT		
ROOM REF.	ROOM USE	EN SPATIAL DAYLIGHT AUTONOMY percentage of room achieving target illuminance for 2190 hrs (50% of daylight hours) Weather File: GBR_Gatwick				EN DAYLIGHT AUTONOMY hours at which the target illuminance is achieved across 50% of room (2190 hrs target) Weather File: GBR_Gatwick			HOURS:MIN		
		TARGET	RELEVANT ENSDA	100	150	100	150	200	1 FEB	25 FEB	21 MAR
BLOCK I - LEVEL 05											
98	BEDROOM	100	100.0			3419			00:00	00:00	01:10
99	BEDROOM	100	79.6			3157			00:00	00:00	01:10
100	BEDROOM	100	100.0			3509			00:00	00:00	01:10
101	L/K/D	200	14.8		19.7	1078	619	263	00:00	00:00	01:10
102	BEDROOM	100	0.0			197			00:00	00:00	00:00
103	L/K/D	200	6.8		14.1	1271	819	522	00:00	00:00	00:00
104	L/K/D	200	1.5		4.9	941	279	125	00:00	00:00	00:00
105	BEDROOM	100	0.0			0			00:00	00:00	00:00
106	L/K/D	200	31.8		47.8	2778	2148	1616	00:00	00:00	00:00
107	BEDROOM	100	0.0			59			00:00	00:00	00:00
108	BEDROOM	100	0.0			93			00:00	00:00	00:00
109	L/K/D	200	0.9		2.4	1267	773	442	00:00	01:43	01:32
110	BEDROOM	100	23.5			1629			00:00	01:56	02:15
111	L/K/D	200	68.6		87.7	3581	3271	3021	00:46	02:57	06:24
112	L/K/D	200	21.8		27.0	2210	1730	1357	00:29	01:40	05:13
113	BEDROOM	100	100.0			3057			00:18	01:36	05:07
114	L/K/D	200	25.7		33.4	2070	1579	1223	00:15	01:28	05:01
115	BEDROOM	100	6.6			1231			00:15	00:15	00:00
116	BEDROOM	100	4.4			1280			00:12	00:00	00:00
117	L/K/D	200	62.7		86.9	3191	2808	2455	00:22	01:36	04:53
118	BEDROOM	100	100.0			3045			00:12	01:12	04:28
119	L/K/D	200	100.0		100.0	3685	3451	3220	00:30	02:03	06:49

Table 83: Assessment Data