

Level 13

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	
BLOCK_YHP2 - LEVEL 13										
775	L/K/D	100.0	100.0	98.2	200	98.2		07:04	07:34	08:20
776	BEDROOM	100.0	96.2	65.0	100	100.0		02:49	02:34	02:22
777	L/K/D	49.6	33.9	23.8	200	23.8		01:31	01:23	01:34
778	BEDROOM	100.0	82.0	51.4	100	100.0		01:56	01:45	02:37
779	BEDROOM	100.0	59.8	37.3	100	100.0		01:10	01:18	03:16
780	L/K/D	100.0	100.0	100.0	200	100.0		01:43	02:50	04:46
781	BEDROOM	100.0	96.9	68.7	100	100.0		00:00	00:00	00:00
782	BEDROOM	100.0	100.0	96.4	100	100.0		00:00	00:00	00:52
783	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:14	03:33
784	BEDROOM	100.0	100.0	98.1	100	100.0		00:00	00:00	00:41
785	L/K/D	68.0	50.5	36.9	200	36.9		00:00	00:29	01:43
786	BEDROOM	100.0	100.0	93.4	100	100.0		00:00	00:00	00:42

Table 45: Assessment Data

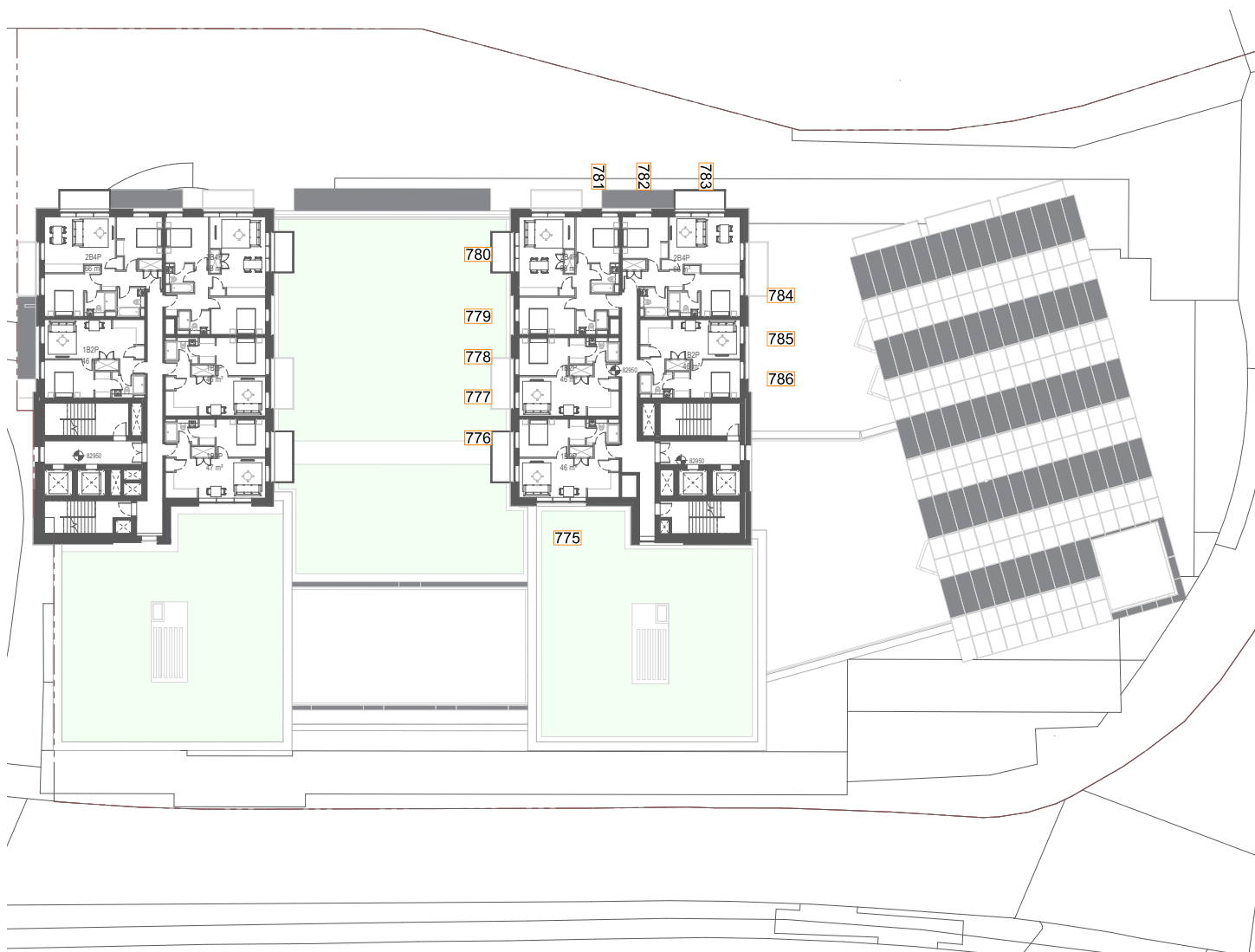


Fig. 54: Floor Plan



Level 02

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 02										
787	STUDIO	66.4	39.5	22.7	200	22.7		02:02	01:50	01:35
788	BEDROOM	48.7	29.7	16.4	100	48.7		01:53	01:43	01:32
789	BEDROOM	41.4	20.4	13.1	100	41.4		01:29	01:20	01:12
790	L/K/D	100.0	100.0	100.0	200	100.0		07:13	07:48	08:13
791	BEDROOM	100.0	100.0	100.0	100	100.0		04:38	05:21	05:59
792	BEDROOM	100.0	100.0	98.8	100	100.0		05:28	06:06	06:36
793	L/K/D	100.0	95.7	76.9	200	76.9		05:25	06:08	06:40
794	BEDROOM	9.5	3.7	2.6	100	9.5		00:00	00:00	00:00
795	L/K/D	9.8	4.6	3.0	200	3.0		00:00	00:00	00:00
796	BEDROOM	1.9	0.0	0.0	100	1.9		00:00	00:00	00:00
797	L/K/D	7.0	3.2	1.6	200	1.6		00:00	00:00	00:00
798	BEDROOM	25.9	13.2	6.9	100	25.9		00:00	00:00	00:18
799	BEDROOM	100.0	65.2	42.3	100	100.0		00:00	00:30	00:40
800	L/K/D	100.0	91.3	75.8	200	75.8		00:00	00:14	01:23
801	BEDROOM	97.4	58.5	34.4	100	97.4		00:00	00:00	00:29
802	BEDROOM	100.0	84.0	50.3	100	100.0		00:00	00:00	00:00
803	L/K/D	100.0	100.0	99.5	200	99.5		00:33	02:34	05:08
804	BEDROOM	100.0	94.2	69.7	100	100.0		00:00	01:32	03:25
805	L/K/D	36.3	26.0	18.6	200	18.6		00:00	00:12	02:32
806	BEDROOM	76.0	48.6	32.2	100	76.0		00:00	00:00	01:57

Table 46: Assessment Data



Fig. 55: Floor Plan



Level 03

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 03										
807	STUDIO	74.1	46.7	29.5	200	29.5		02:03	01:53	02:03
808	BEDROOM	50.3	32.8	21.5	100	50.3		01:47	01:37	01:47
809	BEDROOM	54.0	30.7	22.7	100	54.0		01:23	01:15	01:24
810	L/K/D	100.0	100.0	100.0	200	100.0		07:26	07:54	08:31
811	BEDROOM	100.0	100.0	100.0	100	100.0		04:44	05:26	06:10
812	BEDROOM	100.0	100.0	99.4	100	100.0		05:34	06:14	06:40
813	L/K/D	100.0	100.0	87.9	200	87.9		05:33	06:19	06:51
814	BEDROOM	87.4	48.6	30.1	100	87.4		00:00	00:00	00:32
815	L/K/D	31.9	20.3	12.3	200	12.3		00:00	00:19	01:26
816	L/K/D	23.7	13.9	8.0	200	8.0		00:00	00:00	00:24
817	BEDROOM	56.8	31.7	18.6	100	56.8		00:00	00:23	01:27
818	L/K/D	12.6	6.4	3.1	200	3.1		00:00	00:00	00:00
819	BEDROOM	38.8	19.7	9.8	100	38.8		00:00	00:00	00:27
820	L/K/D	9.5	3.0	0.5	200	0.5		00:00	00:00	00:00
821	BEDROOM	16.9	6.0	2.7	100	16.9		00:00	00:00	00:00
822	BEDROOM	33.3	17.4	6.5	100	33.3		00:00	00:00	00:00
823	L/K/D	100.0	100.0	98.1	200	98.1		00:00	00:54	02:01
824	BEDROOM	96.9	57.9	33.3	100	96.9		00:00	00:00	00:16
825	BEDROOM	100.0	88.8	56.5	100	100.0		00:00	00:00	00:00
826	L/K/D	100.0	100.0	100.0	200	100.0		01:04	03:14	03:53
827	BEDROOM	89.7	41.9	22.6	100	89.7		00:11	02:18	04:59
828	L/K/D	40.7	29.4	22.2	200	22.2		00:00	01:17	04:25
829	BEDROOM	91.3	58.5	38.8	100	91.3		00:00	00:34	02:04

Table 47: Assessment Data

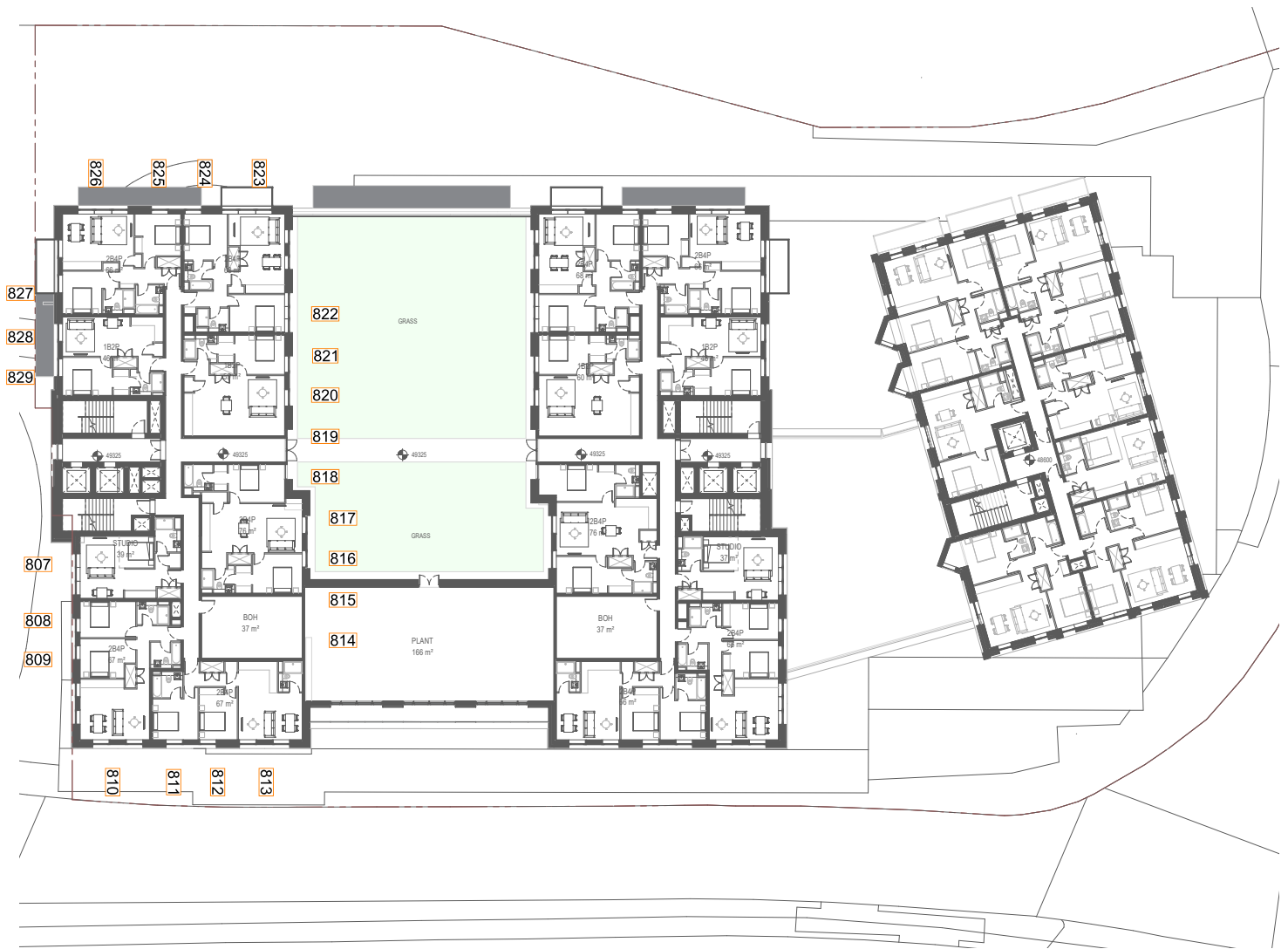


Fig. 56: Floor Plan



Level 04

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 04										
830	STUDIO	81.5	59.7	44.4	200	44.4		02:08	02:30	03:03
831	BEDROOM	65.1	46.2	32.8	100	65.1		01:48	02:03	02:42
832	BEDROOM	79.8	51.5	35.0	100	79.8		01:23	01:35	02:12
833	L/K/D	100.0	100.0	100.0	200	100.0		07:31	08:06	09:14
834	BEDROOM	100.0	100.0	100.0	100	100.0		04:49	05:32	06:18
835	BEDROOM	100.0	100.0	100.0	100	100.0		05:39	06:19	06:40
836	L/K/D	100.0	100.0	89.8	200	89.8		05:41	06:19	06:58
837	BEDROOM	100.0	60.7	37.2	100	100.0		00:00	00:00	00:45
838	L/K/D	35.5	23.1	15.9	200	15.9		00:00	00:29	01:39
839	L/K/D	28.3	17.2	10.8	200	10.8		00:00	00:00	00:32
840	BEDROOM	65.6	37.2	23.5	100	65.6		00:00	00:29	01:31
841	L/K/D	8.0	2.6	0.5	200	0.5		00:00	00:00	00:00
842	BEDROOM	29.0	7.1	1.6	100	29.0		00:00	00:00	00:27
843	L/K/D	17.4	9.2	4.7	200	4.7		00:00	00:00	00:00
844	BEDROOM	37.7	17.5	9.8	100	37.7		00:00	00:00	00:00
845	BEDROOM	37.8	21.4	10.4	100	37.8		00:00	00:00	00:00
846	L/K/D	100.0	100.0	98.1	200	98.1		00:00	01:02	02:10
847	BEDROOM	99.0	68.2	35.4	100	99.0		00:00	00:00	00:24
848	BEDROOM	100.0	90.2	62.6	100	100.0		00:00	00:00	00:00
849	L/K/D	100.0	100.0	100.0	200	100.0		01:53	04:44	06:19
850	BEDROOM	100.0	98.7	94.2	100	100.0		00:28	03:51	05:53
851	L/K/D	48.2	35.3	27.6	200	27.6		00:21	03:07	05:44
852	BEDROOM	100.0	77.0	51.4	100	100.0		00:04	01:16	04:38

Table 48: Assessment Data



Fig. 57: Floor Plan



Level 05

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 05										
853	STUDIO	96.9	82.8	72.8	200	72.8		03:17	03:56	04:32
854	BEDROOM	100.0	69.2	50.3	100	100.0		02:39	03:22	04:10
855	BEDROOM	100.0	86.5	57.1	100	100.0		02:03	02:46	03:39
856	L/K/D	100.0	100.0	100.0	200	100.0		07:46	08:57	10:26
857	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
858	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
859	L/K/D	100.0	100.0	94.0	200	94.0		05:42	06:19	06:58
860	BEDROOM	100.0	72.1	45.9	100	100.0		00:00	00:00	00:49
861	L/K/D	39.1	26.0	19.0	200	19.0		00:00	00:29	01:42
862	L/K/D	31.4	21.9	14.1	200	14.1		00:00	00:00	00:40
863	BEDROOM	76.5	46.4	29.0	100	76.5		00:00	00:29	01:34
864	L/K/D	18.8	9.3	5.9	200	5.9		00:00	00:00	00:00
865	BEDROOM	53.0	31.7	16.9	100	53.0		00:00	00:00	00:27
866	L/K/D	15.9	6.0	2.7	200	2.7		00:00	00:00	00:00
867	BEDROOM	26.2	9.3	3.8	100	26.2		00:00	00:00	00:00
868	BEDROOM	42.8	25.4	11.4	100	42.8		00:00	00:00	00:00
869	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:04	02:18
870	BEDROOM	99.0	73.8	39.5	100	99.0		00:00	00:00	00:31
871	BEDROOM	100.0	92.0	72.4	100	100.0		00:00	00:00	00:00
872	L/K/D	100.0	100.0	100.0	200	100.0		03:49	04:48	04:29
873	BEDROOM	100.0	89.0	44.5	100	100.0		02:50	04:44	05:59
874	L/K/D	55.9	42.3	33.2	200	33.2		03:48	04:25	06:26
875	BEDROOM	100.0	97.3	68.9	100	100.0		01:40	03:58	05:47

Table 49: Assessment Data

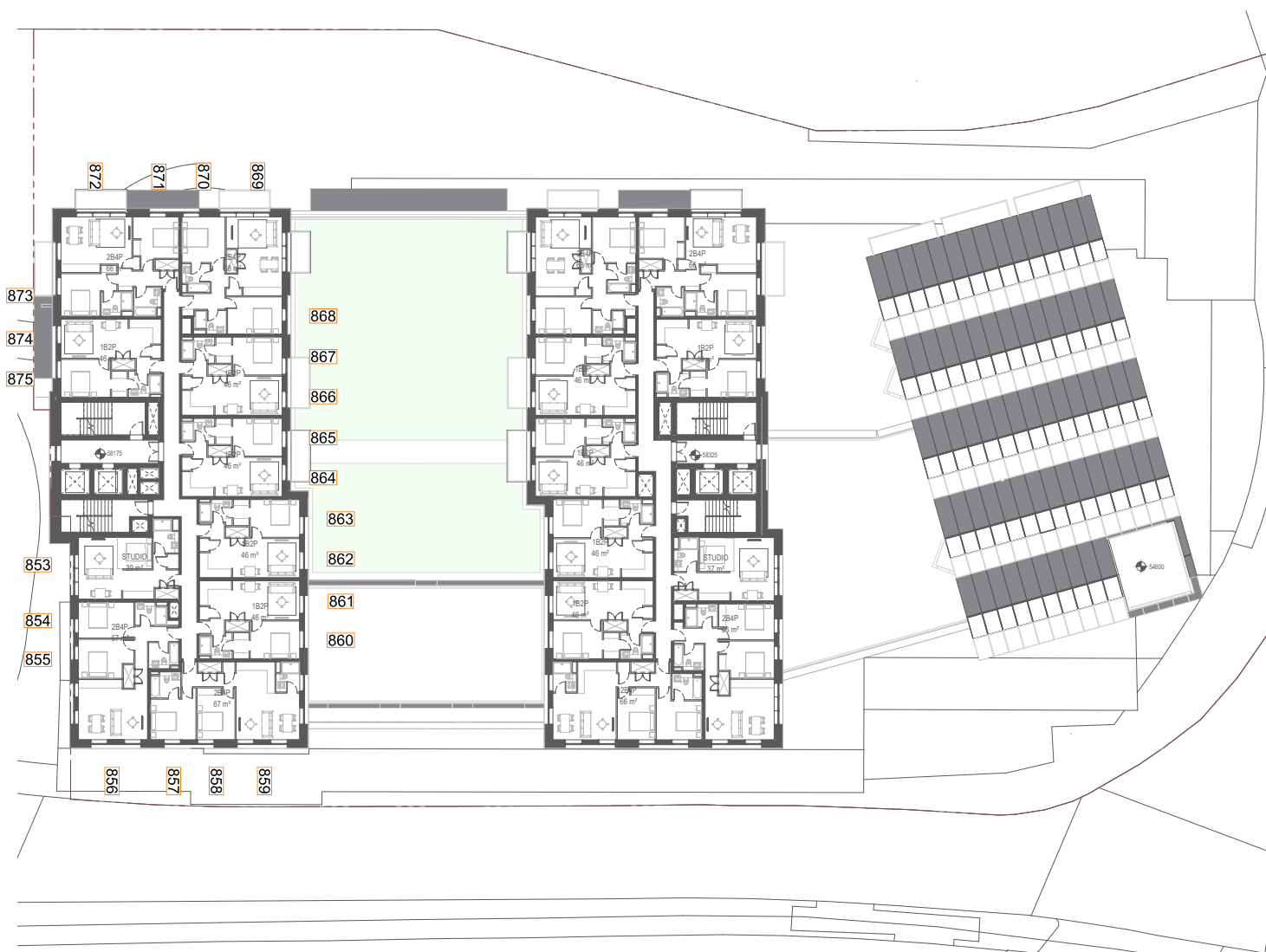


Fig. 58: Floor Plan



Level 06

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 06										
876	STUDIO	100.0	100.0	89.5	200	89.5		05:09	05:12	06:22
877	BEDROOM	100.0	100.0	67.2	100	100.0		04:10	04:31	05:44
878	BEDROOM	100.0	99.4	82.2	100	100.0		03:15	03:51	05:09
879	L/K/D	100.0	100.0	100.0	200	100.0		08:33	09:44	11:36
880	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
881	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
882	L/K/D	100.0	100.0	98.9	200	98.9		05:42	06:19	06:58
883	BEDROOM	100.0	76.0	54.6	100	100.0		00:00	00:00	00:49
884	L/K/D	43.2	30.1	23.1	200	23.1		00:00	00:29	01:43
885	L/K/D	36.5	26.2	17.2	200	17.2		00:00	00:00	00:41
886	BEDROOM	92.3	60.1	39.9	100	92.3		00:00	00:29	01:34
887	L/K/D	14.4	6.9	3.1	200	3.1		00:00	00:00	00:00
888	BEDROOM	47.0	19.7	7.1	100	47.0		00:00	00:00	00:27
889	L/K/D	24.6	13.9	8.2	200	8.2		00:00	00:00	00:00
890	BEDROOM	56.3	27.9	16.4	100	56.3		00:00	00:00	00:00
891	BEDROOM	47.8	27.9	13.9	100	47.8		00:00	00:00	00:00
892	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:04	02:35
893	BEDROOM	100.0	82.1	41.5	100	100.0		00:00	00:00	00:31
894	BEDROOM	100.0	94.5	76.1	100	100.0		00:00	00:00	00:00
895	L/K/D	100.0	100.0	100.0	200	100.0		04:27	05:41	06:25
896	BEDROOM	100.0	100.0	98.7	100	100.0		03:24	05:11	05:59
897	L/K/D	65.7	49.2	38.1	200	38.1		04:04	05:28	06:26
898	BEDROOM	100.0	100.0	92.3	100	100.0		04:00	04:27	05:59

Table 50: Assessment Data

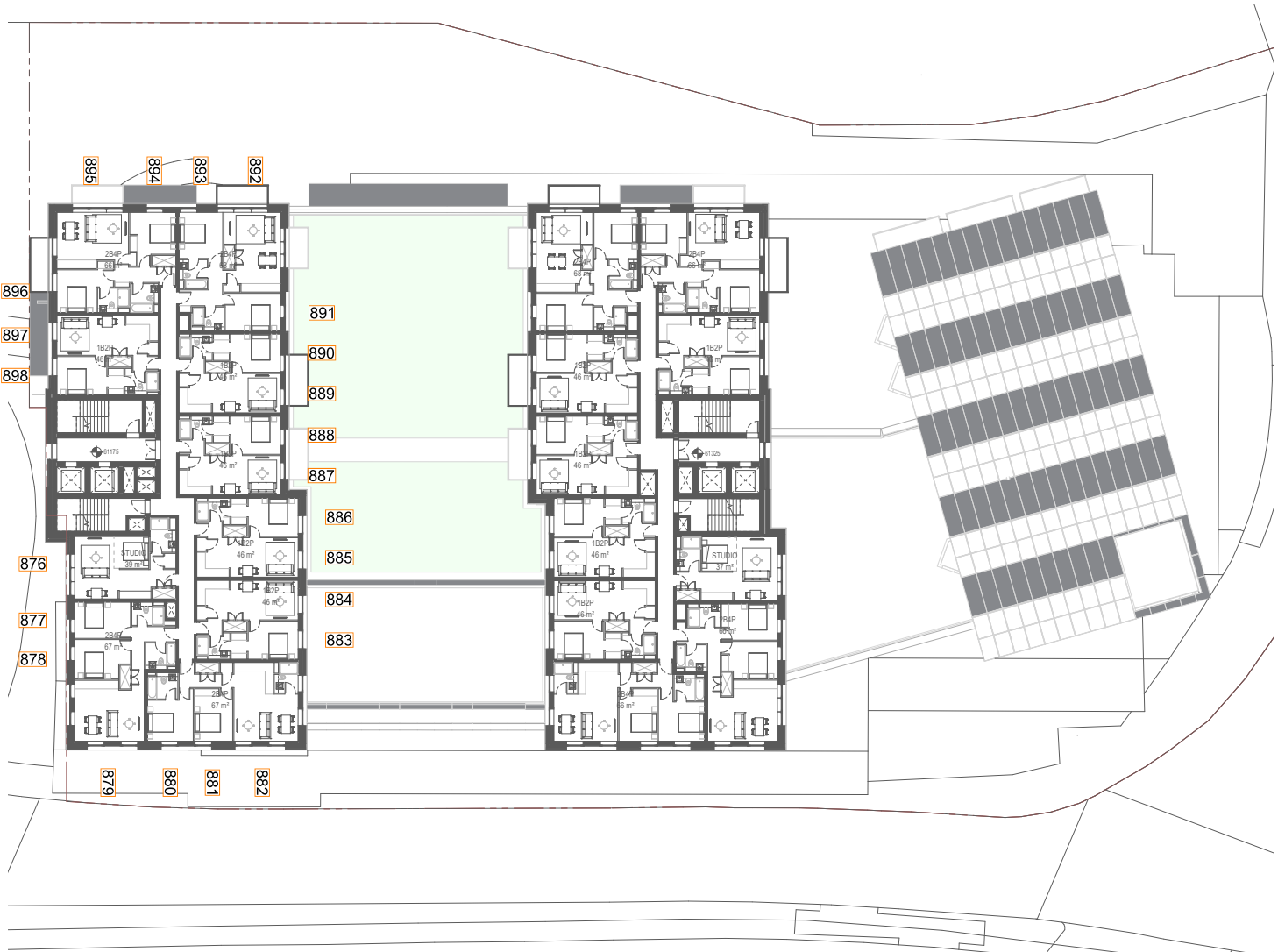


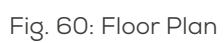
Fig. 59: Floor Plan



Level 07

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 07										
899	STUDIO	100.0	100.0	99.0	200	99.0		05:27	06:22	06:57
900	BEDROOM	100.0	100.0	74.4	100	100.0		04:36	04:55	06:17
901	BEDROOM	100.0	100.0	95.1	100	100.0		03:51	04:09	05:36
902	L/K/D	100.0	100.0	100.0	200	100.0		08:55	10:04	12:02
903	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
904	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
905	L/K/D	100.0	100.0	99.6	200	99.6		05:42	06:19	06:58
906	BEDROOM	100.0	93.4	66.7	100	100.0		00:00	00:00	00:49
907	L/K/D	49.6	35.2	27.8	200	27.8		00:00	00:29	01:43
908	L/K/D	43.7	30.6	22.1	200	22.1		00:00	00:00	00:41
909	BEDROOM	100.0	71.6	51.4	100	100.0		00:00	00:29	01:34
910	L/K/D	27.5	14.9	9.5	200	9.5		00:00	00:00	00:00
911	BEDROOM	73.2	44.3	30.6	100	73.2		00:00	00:00	00:27
912	L/K/D	24.1	11.7	5.5	200	5.5		00:00	00:00	00:00
913	BEDROOM	49.2	17.5	9.3	100	49.2		00:00	00:00	00:05
914	BEDROOM	54.2	29.9	16.9	100	54.2		00:00	00:00	00:00
915	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:04	02:56
916	BEDROOM	99.5	86.7	43.6	100	99.5		00:00	00:00	00:31
917	BEDROOM	100.0	95.7	82.8	100	100.0		00:00	00:00	00:00
918	L/K/D	100.0	100.0	100.0	200	100.0		04:56	04:48	04:29
919	BEDROOM	100.0	98.1	83.2	100	100.0		04:08	05:11	05:59
920	L/K/D	69.8	53.1	42.0	200	42.0		04:41	05:42	06:26
921	BEDROOM	100.0	100.0	100.0	100	100.0		04:08	05:12	05:59

Table 51: Assessment Data



Level 08

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 08										
922	STUDIO	100.0	100.0	100.0	200	100.0		05:28	06:25	06:57
923	BEDROOM	100.0	100.0	83.6	100	100.0		04:41	05:30	06:17
924	BEDROOM	100.0	100.0	98.8	100	100.0		03:55	04:36	05:36
925	L/K/D	100.0	100.0	100.0	200	100.0		08:59	10:18	12:02
926	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
927	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
928	L/K/D	100.0	100.0	100.0	200	100.0		05:42	06:19	06:58
929	BEDROOM	100.0	99.5	82.5	100	100.0		00:00	00:00	00:49
930	L/K/D	56.0	40.4	30.8	200	30.8		00:00	00:29	01:43
931	L/K/D	50.4	36.0	26.0	200	26.0		00:00	00:00	00:41
932	BEDROOM	100.0	91.8	59.6	100	100.0		00:00	00:29	01:34
933	L/K/D	26.2	12.3	6.7	200	6.7		00:00	00:00	00:00
934	BEDROOM	75.4	38.8	18.0	100	75.4		00:00	00:00	00:33
935	L/K/D	30.6	19.9	11.2	200	11.2		00:00	00:00	00:00
936	BEDROOM	74.3	41.5	23.0	100	74.3		00:00	00:00	00:33
937	BEDROOM	61.2	33.8	20.4	100	61.2		00:00	00:00	00:15
938	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:07	03:24
939	BEDROOM	100.0	89.7	45.6	100	100.0		00:00	00:00	00:31
940	BEDROOM	100.0	97.5	82.2	100	100.0		00:00	00:00	00:00
941	L/K/D	100.0	100.0	100.0	200	100.0		05:00	05:41	06:25
942	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:59
943	L/K/D	72.9	57.5	45.1	200	45.1		04:56	05:42	06:26
944	BEDROOM	100.0	100.0	100.0	100	100.0		04:08	05:12	05:59

Table 52: Assessment Data

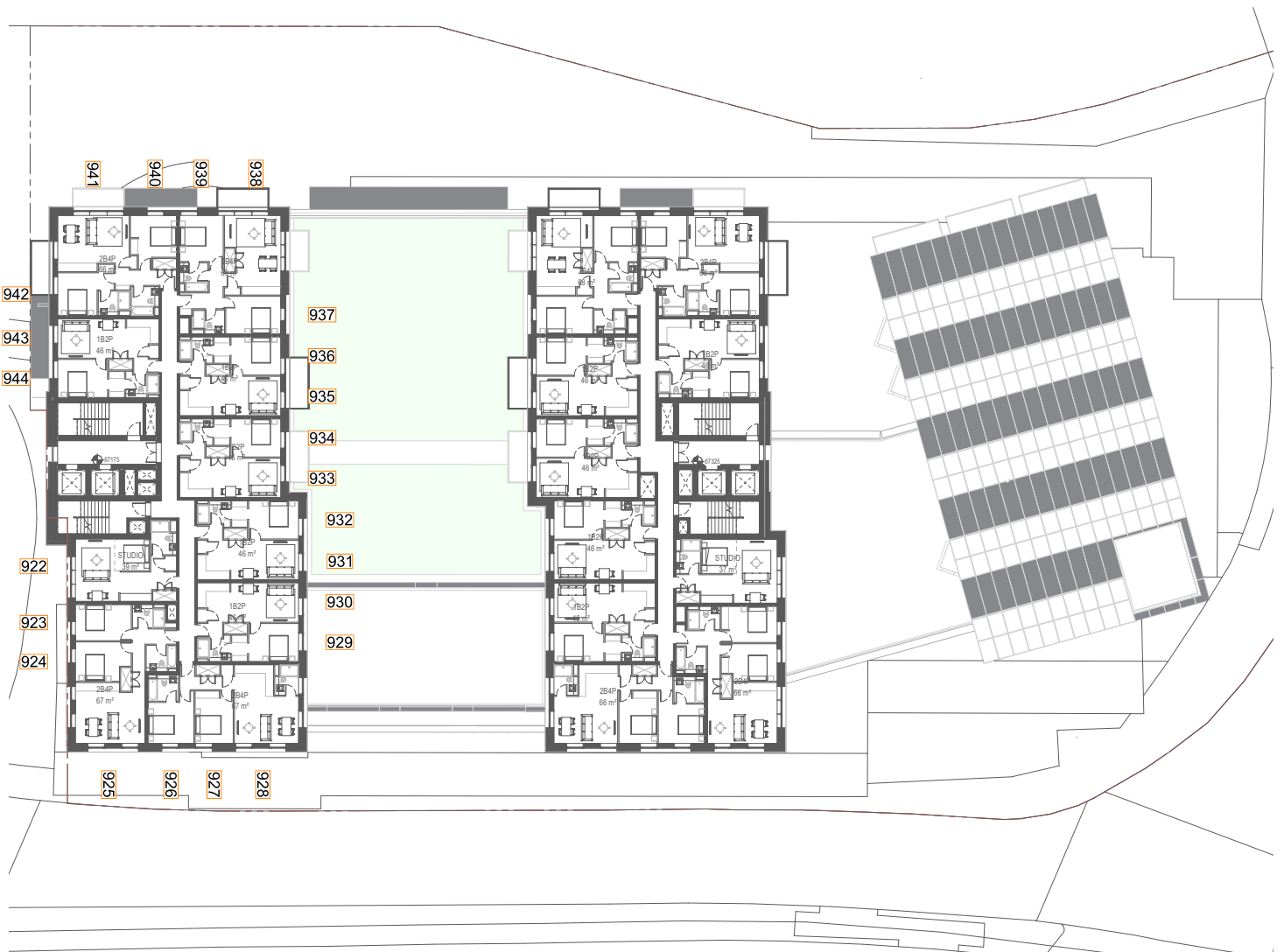


Fig. 61: Floor Plan



Level 09

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 09										
945	STUDIO	100.0	100.0	100.0	200	100.0		05:32	06:25	06:57
946	BEDROOM	100.0	100.0	92.3	100	100.0		04:41	05:32	06:17
947	BEDROOM	100.0	100.0	98.8	100	100.0		03:57	04:46	05:36
948	L/K/D	100.0	100.0	100.0	200	100.0		09:00	10:25	12:02
949	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
950	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
951	L/K/D	100.0	100.0	100.0	200	100.0		05:42	06:19	06:58
952	BEDROOM	100.0	100.0	89.6	100	100.0		00:00	00:00	00:41
953	L/K/D	62.5	45.5	33.2	200	33.2		00:00	00:29	01:43
954	L/K/D	56.8	39.3	29.3	200	29.3		00:00	00:00	00:41
955	BEDROOM	100.0	100.0	70.5	100	100.0		00:00	00:29	01:36
956	L/K/D	35.7	20.1	13.9	200	13.9		00:00	00:00	00:00
957	BEDROOM	99.5	61.2	40.4	100	99.5		00:00	00:00	01:08
958	L/K/D	33.4	20.6	11.1	200	11.1		00:00	00:00	00:24
959	BEDROOM	79.8	36.1	17.5	100	79.8		00:00	00:00	01:08
960	BEDROOM	67.2	37.3	23.9	100	67.2		00:00	00:00	00:50
961	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:33	03:37
962	BEDROOM	100.0	92.3	51.3	100	100.0		00:00	00:00	00:31
963	BEDROOM	100.0	98.8	85.9	100	100.0		00:00	00:00	00:00
964	L/K/D	100.0	100.0	100.0	200	100.0		05:00	05:10	04:53
965	BEDROOM	100.0	100.0	94.2	100	100.0		04:27	05:11	05:58
966	L/K/D	74.5	58.0	46.1	200	46.1		05:00	05:41	06:25
967	BEDROOM	100.0	100.0	100.0	100	100.0		04:26	05:11	05:58

Table 53: Assessment Data

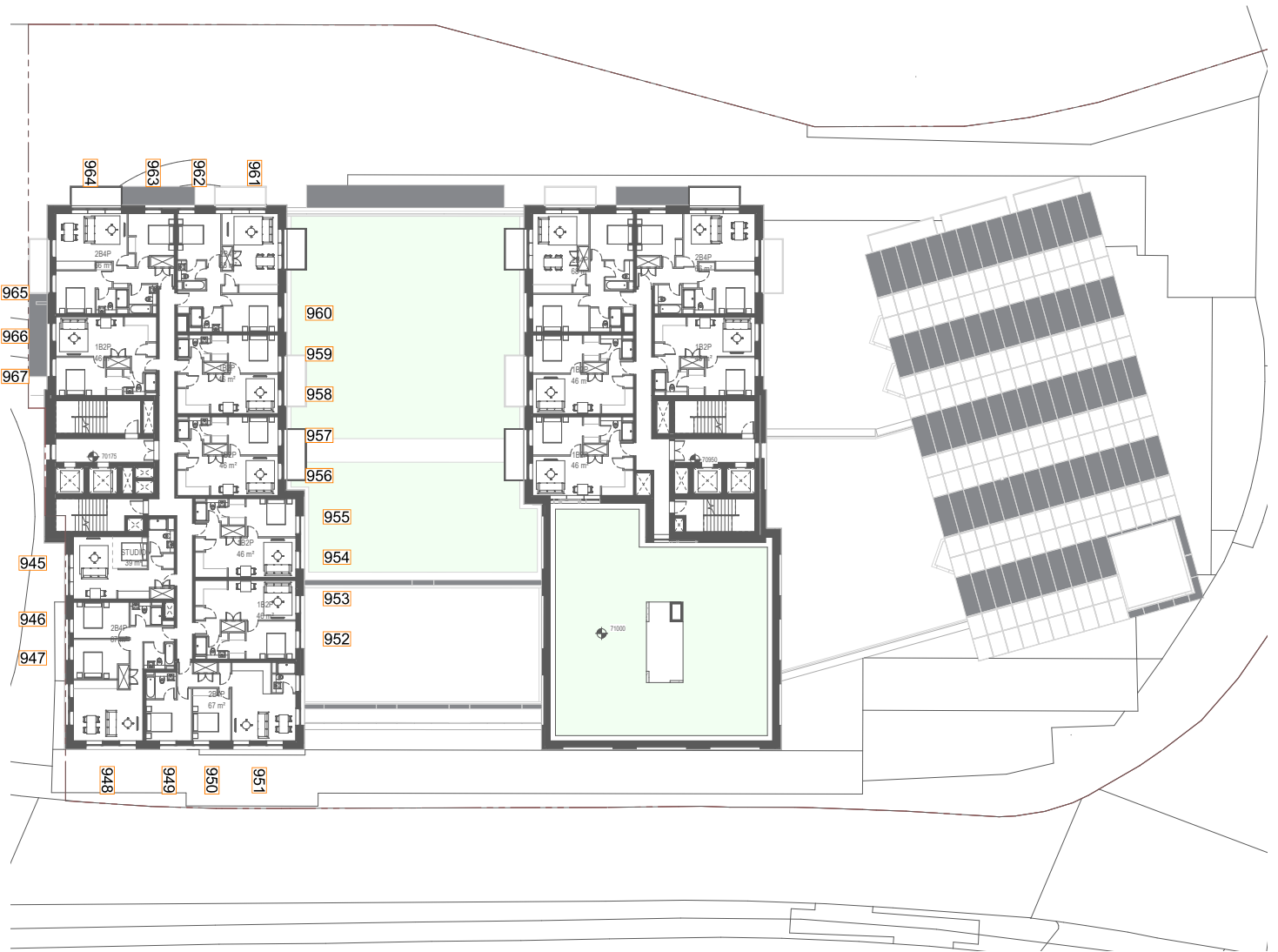


Fig. 62: Floor Plan



Level 10

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 10										
968	STUDIO	100.0	100.0	100.0	200	100.0		05:32	06:25	06:57
969	BEDROOM	100.0	100.0	99.0	100	100.0		04:41	05:32	06:17
970	BEDROOM	100.0	100.0	98.8	100	100.0		03:57	04:46	05:36
971	L/K/D	100.0	100.0	100.0	200	100.0		09:00	10:28	12:02
972	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
973	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
974	L/K/D	100.0	100.0	100.0	200	100.0		05:42	06:19	06:58
975	BEDROOM	100.0	100.0	92.9	100	100.0		00:00	00:00	00:41
976	L/K/D	65.6	47.0	35.5	200	35.5		00:00	00:29	01:43
977	L/K/D	60.7	41.9	31.1	200	31.1		00:00	00:00	00:41
978	BEDROOM	100.0	100.0	80.9	100	100.0		00:00	00:29	01:43
979	L/K/D	36.8	18.8	11.3	200	11.3		00:00	00:00	00:00
980	BEDROOM	100.0	62.8	36.6	100	100.0		00:00	00:00	01:14
981	L/K/D	37.3	23.1	15.2	200	15.2		00:00	00:00	00:18
982	BEDROOM	94.0	48.1	25.7	100	94.0		00:00	00:00	01:07
983	BEDROOM	74.1	40.3	28.4	100	74.1		00:00	00:00	00:56
984	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:30	03:30
985	BEDROOM	100.0	93.3	58.5	100	100.0		00:00	00:00	00:31
986	BEDROOM	100.0	99.4	89.0	100	100.0		00:00	00:00	00:00
987	L/K/D	100.0	100.0	100.0	200	100.0		04:50	05:41	06:25
988	BEDROOM	100.0	100.0	100.0	100	100.0		04:17	05:02	05:50
989	L/K/D	76.0	61.3	47.7	200	47.7		05:00	05:41	06:25
990	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 54: Assessment Data

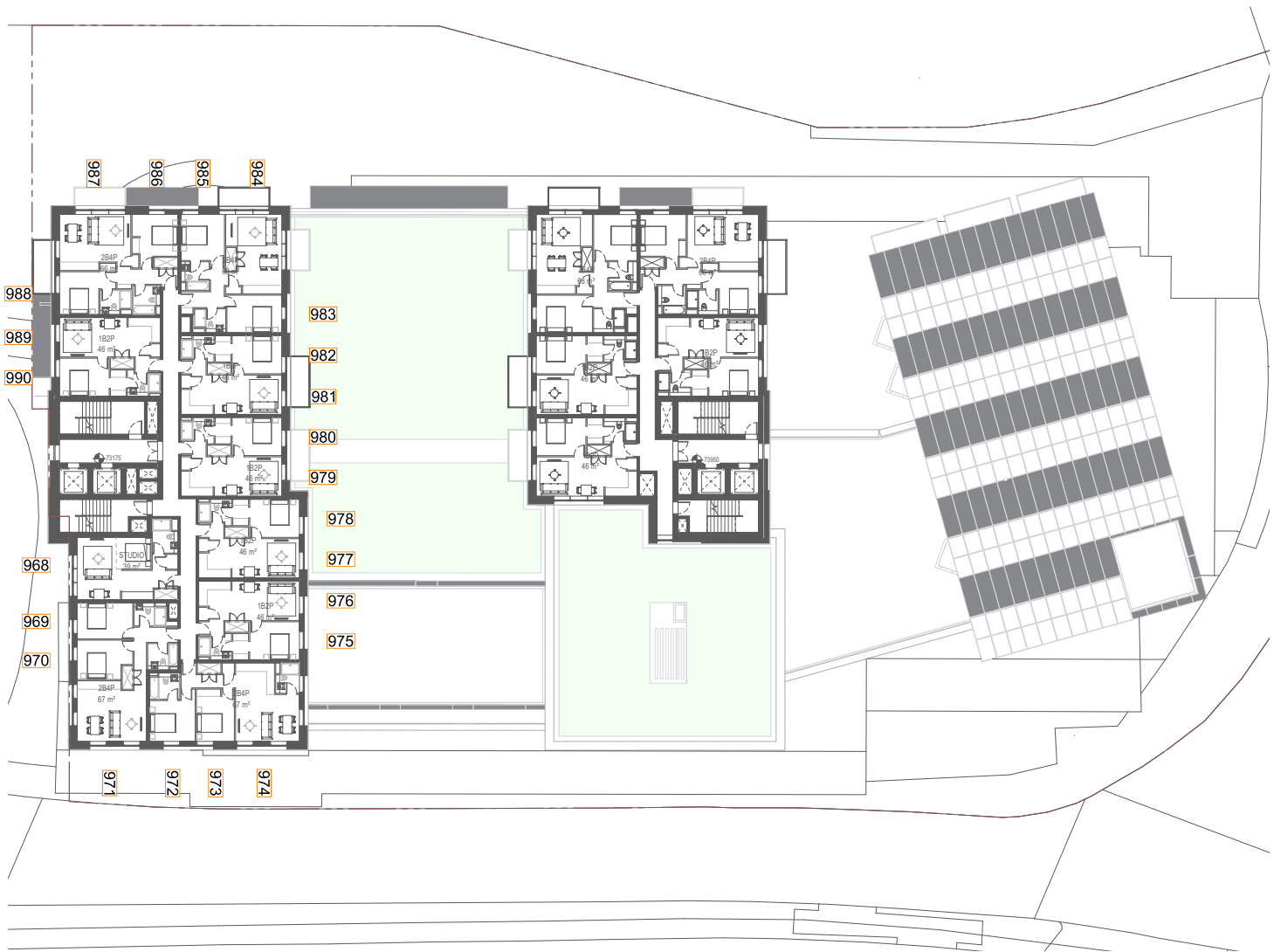


Fig. 63: Floor Plan



Level 11

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 11										
991	STUDIO	100.0	100.0	100.0	200	100.0		05:32	06:25	06:57
992	BEDROOM	100.0	100.0	99.5	100	100.0		04:41	05:32	06:17
993	BEDROOM	100.0	100.0	98.8	100	100.0		03:57	04:46	05:36
994	L/K/D	100.0	100.0	100.0	200	100.0		09:00	10:28	12:02
995	BEDROOM	100.0	100.0	100.0	100	100.0		04:51	05:33	06:18
996	BEDROOM	100.0	100.0	100.0	100	100.0		05:42	06:19	06:40
997	L/K/D	100.0	100.0	100.0	200	100.0		05:42	06:19	06:58
998	BEDROOM	100.0	100.0	92.9	100	100.0		00:00	00:00	00:41
999	L/K/D	66.6	48.1	36.2	200	36.2		00:00	00:29	01:43
1000	L/K/D	62.5	42.9	32.4	200	32.4		00:00	00:00	00:41
1001	BEDROOM	100.0	100.0	84.7	100	100.0		00:00	00:29	01:43
1002	L/K/D	39.1	24.9	16.2	200	16.2		00:00	00:00	00:00
1003	BEDROOM	100.0	66.1	46.4	100	100.0		00:00	00:00	01:07
1004	L/K/D	41.1	26.7	17.7	200	17.7		00:00	00:00	00:30
1005	BEDROOM	99.5	56.8	31.1	100	99.5		00:00	00:00	01:14
1006	BEDROOM	81.6	45.8	34.8	100	81.6		00:00	00:00	00:56
1007	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:25	03:37
1008	BEDROOM	100.0	95.9	62.1	100	100.0		00:00	00:00	00:31
1009	BEDROOM	100.0	100.0	91.4	100	100.0		00:00	00:00	00:00
1010	L/K/D	100.0	100.0	100.0	200	100.0		05:00	05:41	05:34
1011	BEDROOM	100.0	100.0	97.4	100	100.0		04:27	05:11	05:58
1012	L/K/D	75.8	63.1	49.5	200	49.5		05:00	05:41	06:25
1013	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 55: Assessment Data

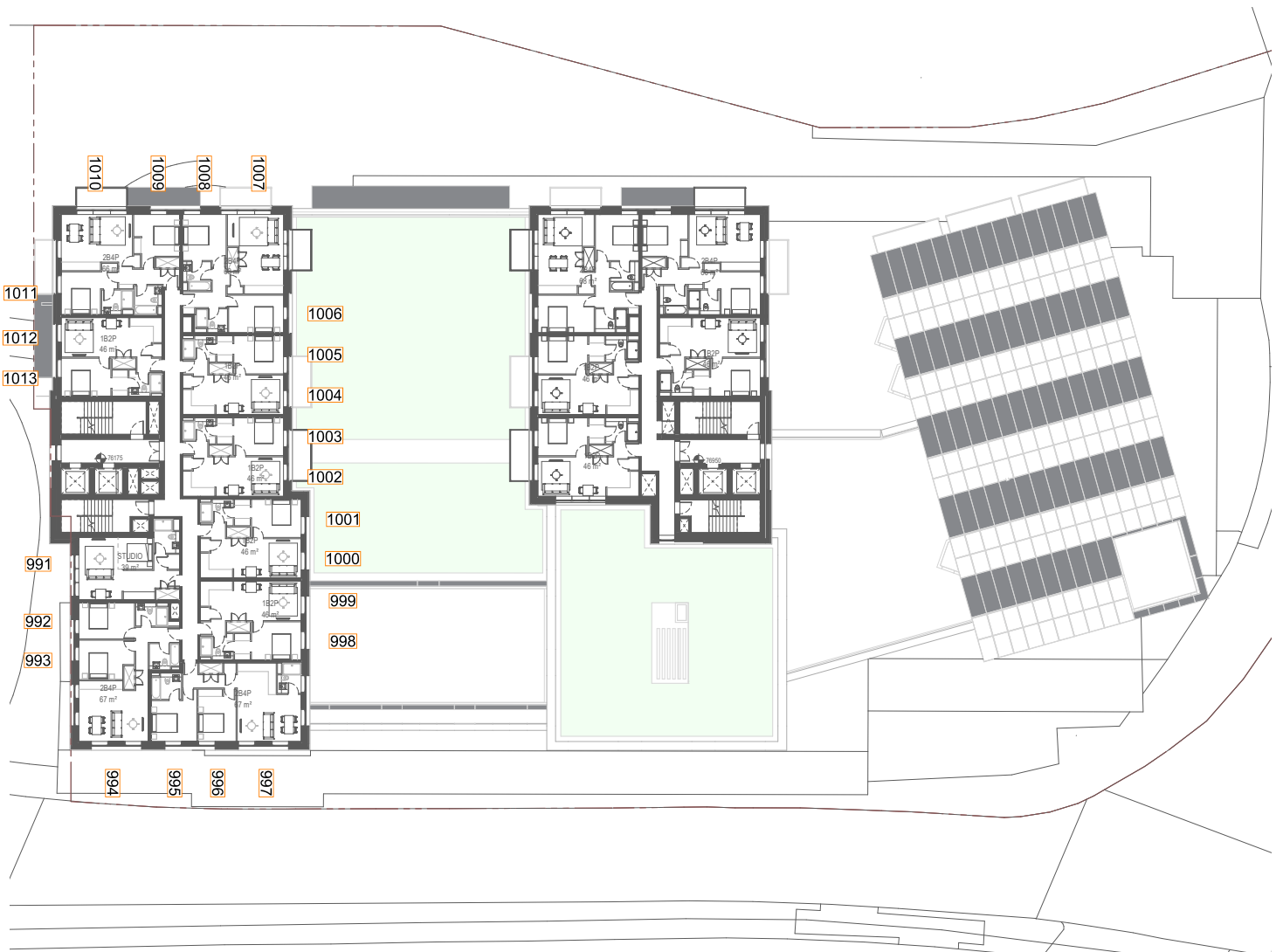


Fig. 64: Floor Plan



Level 12

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA		1 FEB	25 FEB	21 MAR
BLOCK_YHP2 - LEVEL 12										
1014	BEDROOM	87.1	54.7	37.8	100	87.1		00:00	00:00	01:08
1015	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:38	03:37
1016	BEDROOM	100.0	97.4	72.8	100	100.0		00:00	00:00	00:52
1017	BEDROOM	100.0	100.0	95.1	100	100.0		00:00	00:00	00:00
1018	L/K/D	100.0	100.0	100.0	200	100.0		05:16	05:55	06:38
1019	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58
1020	L/K/D	77.6	65.5	51.0	200	51.0		05:16	05:55	06:38
1021	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 56: Assessment Data

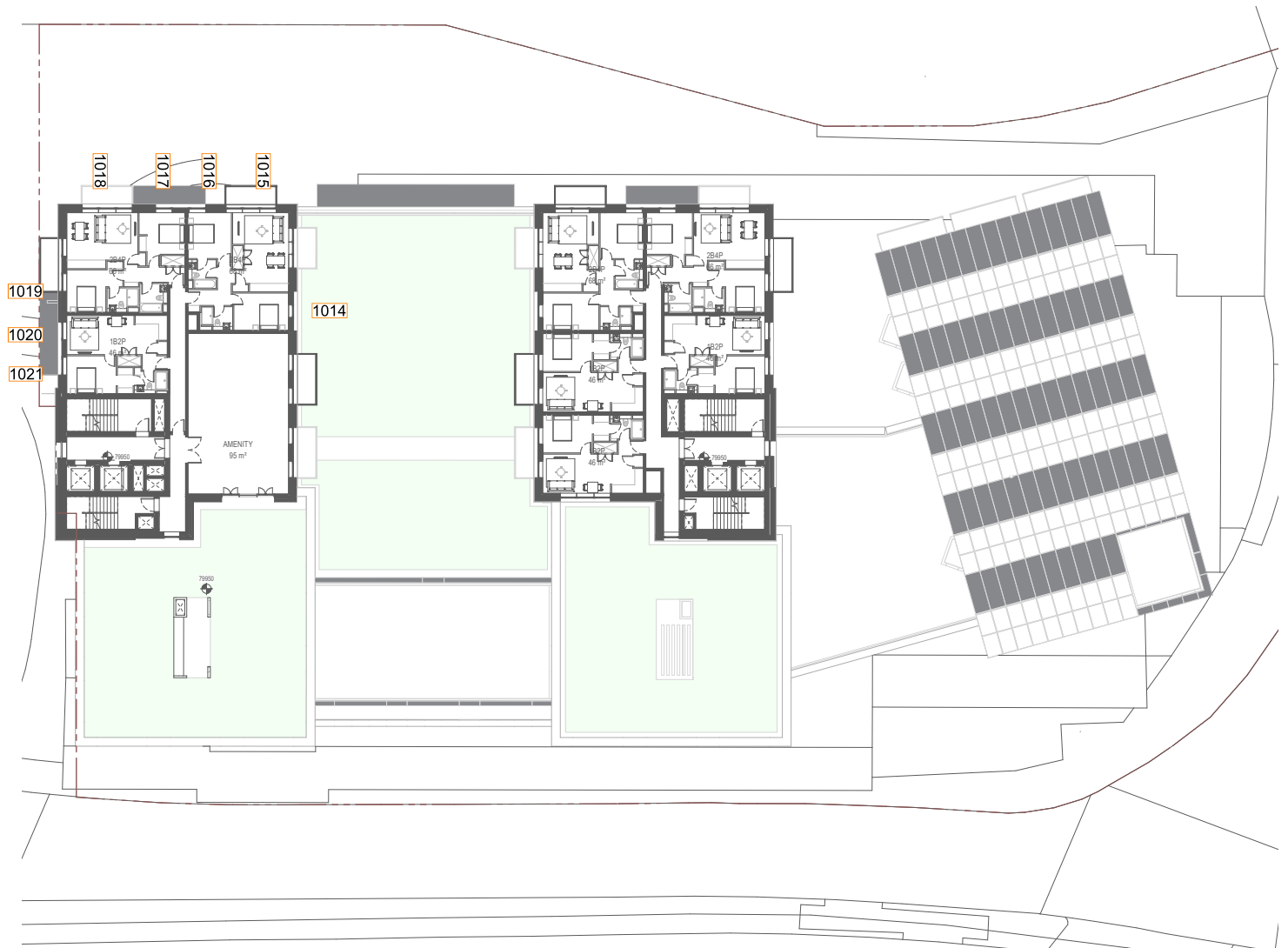


Fig. 65: Floor Plan



Level 13

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	
BLOCK_YHP2 - LEVEL 13										
1022	L/K/D	100.0	100.0	94.0	200	94.0		05:07	05:47	06:30
1023	BEDROOM	100.0	99.5	71.6	100	100.0		00:00	00:19	01:34
1024	L/K/D	47.0	31.6	20.8	200	20.8		00:00	00:00	00:30
1025	BEDROOM	100.0	72.1	37.7	100	100.0		00:00	00:19	01:34
1026	BEDROOM	100.0	70.6	51.2	100	100.0		00:00	00:02	01:18
1027	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:38	03:37
1028	BEDROOM	100.0	97.4	79.0	100	100.0		00:00	00:00	00:52
1029	BEDROOM	100.0	100.0	97.5	100	100.0		00:00	00:00	00:00
1030	L/K/D	100.0	100.0	100.0	200	100.0		05:16	04:48	04:28
1031	BEDROOM	100.0	100.0	97.4	100	100.0		04:27	05:11	05:58
1032	L/K/D	78.6	65.7	51.8	200	51.8		05:16	05:55	06:38
1033	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 57: Assessment Data

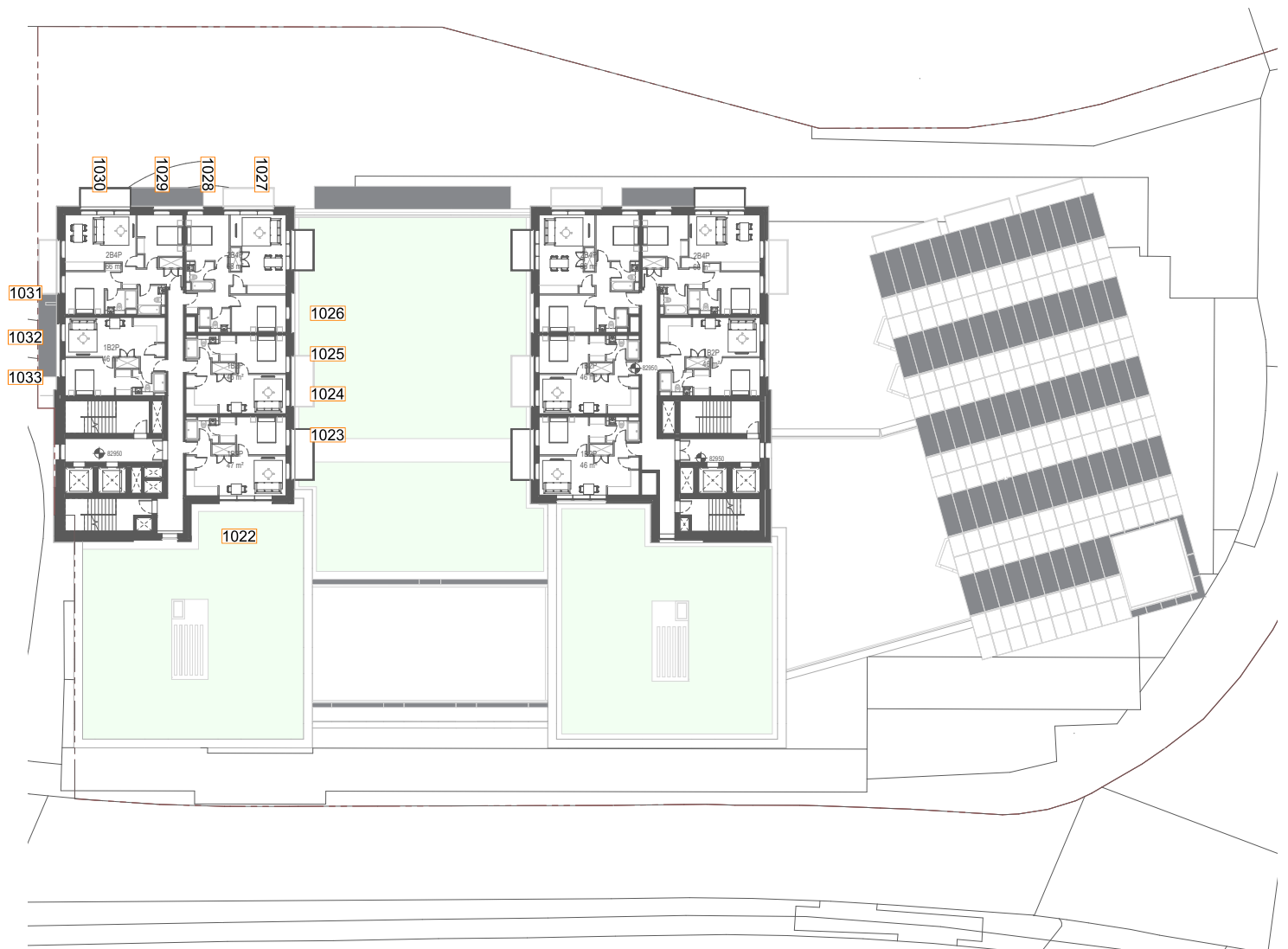


Fig. 66: Floor Plan



Level 14

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	
BLOCK_YHP2 - LEVEL 14										
1034	L/K/D	100.0	100.0	99.2	200	99.2		05:07	05:47	06:30
1035	BEDROOM	100.0	100.0	71.6	100	100.0		00:00	00:19	01:34
1036	L/K/D	57.1	40.1	29.3	200	29.3		00:00	00:00	00:30
1037	BEDROOM	100.0	95.6	65.6	100	100.0		00:00	00:19	01:34
1038	BEDROOM	100.0	69.2	47.3	100	100.0		00:00	00:00	00:58
1039	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:38	03:37
1040	BEDROOM	100.0	98.5	82.1	100	100.0		00:00	00:00	00:52
1041	BEDROOM	100.0	100.0	99.4	100	100.0		00:00	00:00	00:00
1042	L/K/D	100.0	100.0	100.0	200	100.0		05:16	05:55	06:38
1043	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58
1044	L/K/D	79.6	67.3	52.8	200	52.8		05:16	05:55	06:38
1045	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 58: Assessment Data

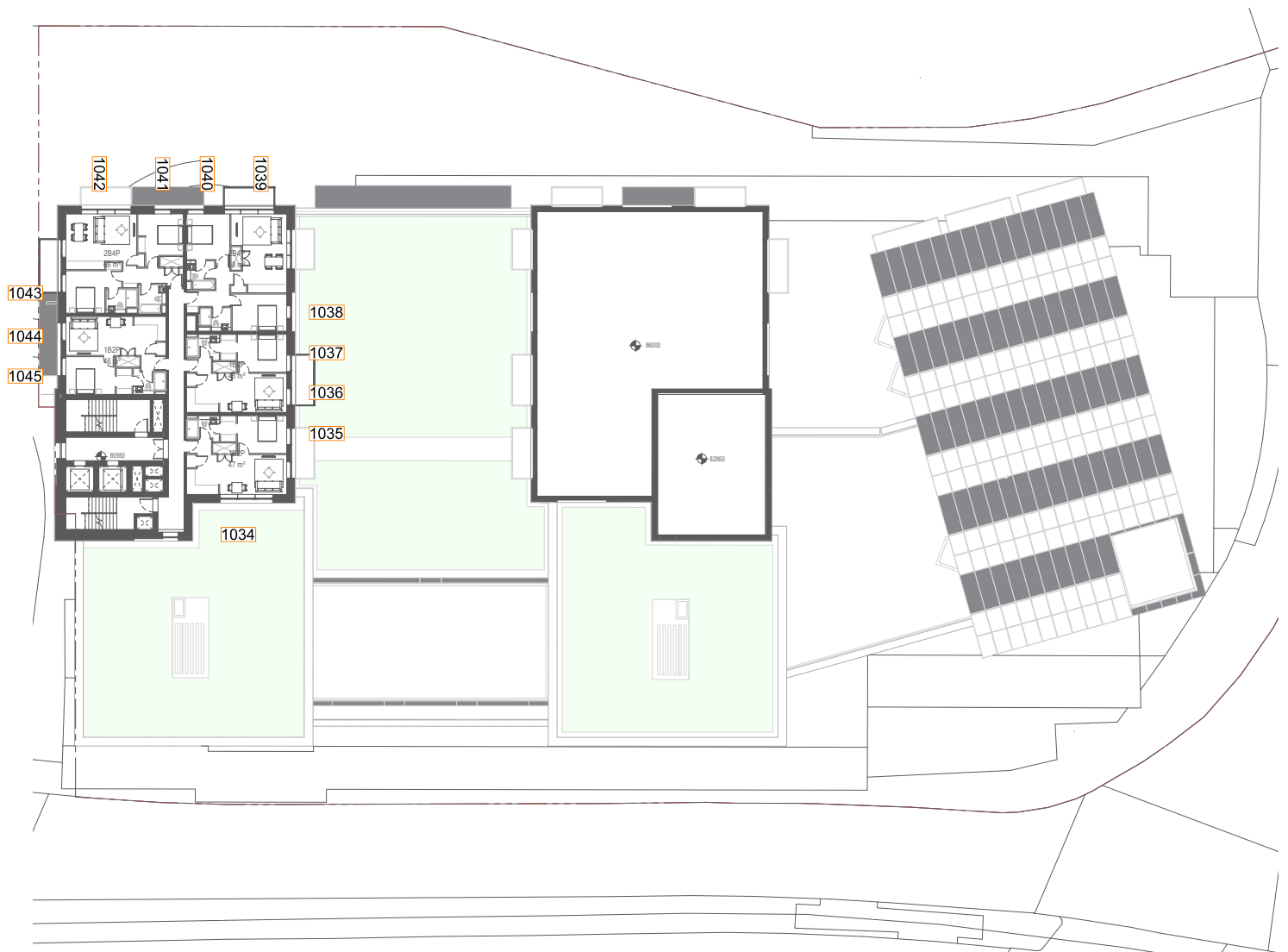


Fig. 67: Floor Plan



Level 15

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	
BLOCK_YHP2 - LEVEL 15										
1046	L/K/D	100.0	100.0	100.0	200	100.0		05:07	05:47	06:30
1047	BEDROOM	100.0	100.0	92.9	100	100.0		00:00	00:19	01:34
1048	L/K/D	59.6	41.6	28.8	200	28.8		00:00	00:00	00:30
1049	BEDROOM	100.0	98.9	61.7	100	100.0		00:00	00:19	01:34
1050	BEDROOM	100.0	80.1	52.7	100	100.0		00:00	00:00	00:58
1051	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:38	04:05
1052	BEDROOM	100.0	97.4	83.1	100	100.0		00:00	00:00	00:52
1053	BEDROOM	100.0	100.0	99.4	100	100.0		00:00	00:00	00:00
1054	L/K/D	100.0	100.0	100.0	200	100.0		05:16	04:48	04:28
1055	BEDROOM	100.0	100.0	98.7	100	100.0		04:27	05:11	05:58
1056	L/K/D	80.2	67.5	54.1	200	54.1		05:16	05:55	06:38
1057	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 59: Assessment Data

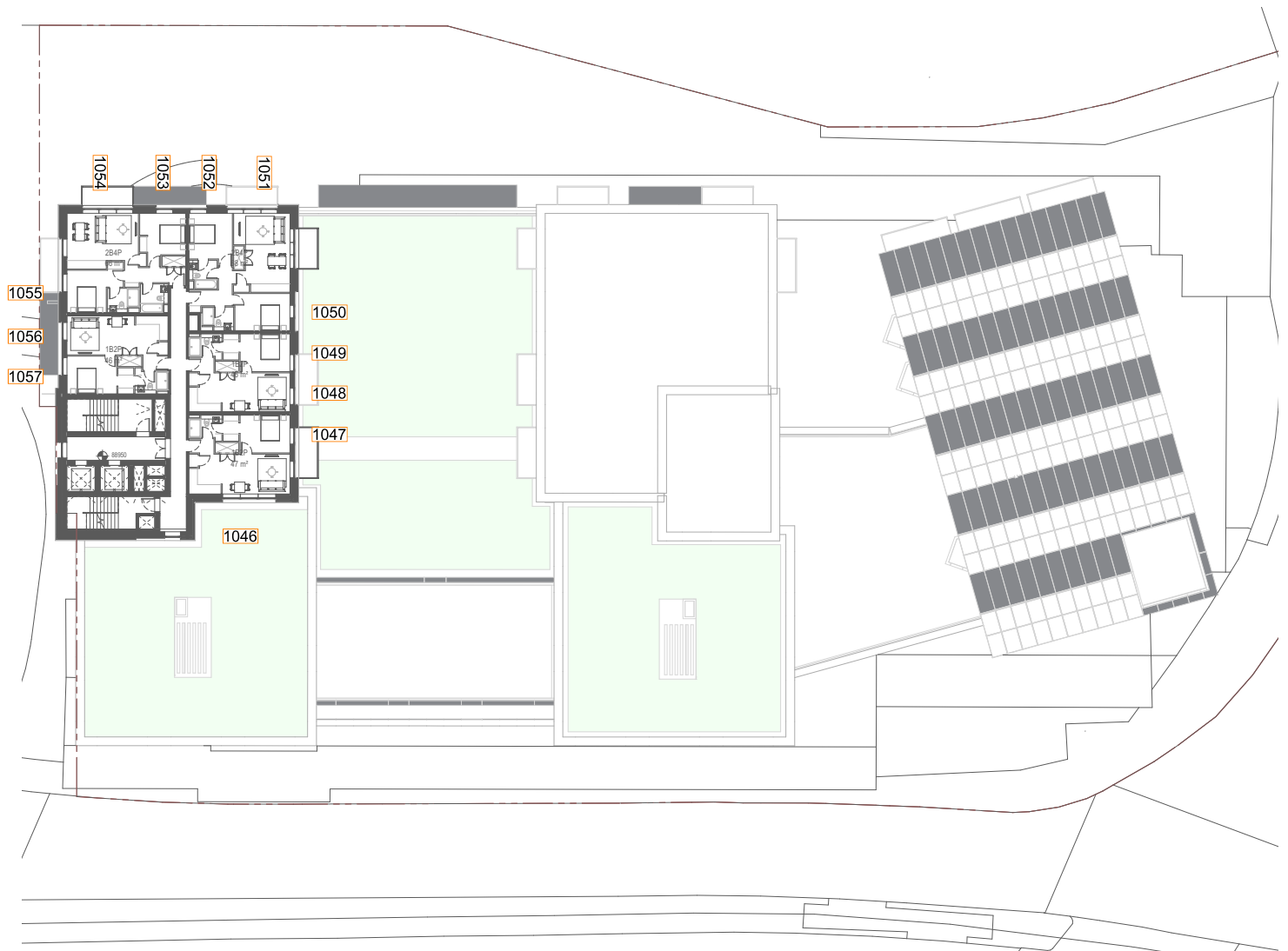


Fig. 68: Floor Plan



Level 16

		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						HOURS:MIN		
		100	150	200	TARGET	RELEVANT ENSDA	1 FEB	25 FEB	21 MAR	
BLOCK_YHP2 - LEVEL 16										
1058	L/K/D	100.0	100.0	100.0	200	100.0		05:07	05:47	06:30
1059	BEDROOM	100.0	100.0	99.5	100	100.0		00:00	00:19	01:34
1060	L/K/D	62.5	43.7	31.9	200	31.9		00:00	00:00	00:30
1061	BEDROOM	100.0	100.0	78.1	100	100.0		00:00	00:19	01:34
1062	BEDROOM	100.0	87.6	52.7	100	100.0		00:00	00:00	00:58
1063	L/K/D	100.0	100.0	100.0	200	100.0		00:00	01:38	04:05
1064	BEDROOM	100.0	99.5	89.2	100	100.0		00:00	00:00	00:52
1065	BEDROOM	100.0	100.0	99.4	100	100.0		00:00	00:00	00:00
1066	L/K/D	100.0	100.0	100.0	200	100.0		05:16	05:55	06:38
1067	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58
1068	L/K/D	81.7	67.8	54.4	200	54.4		05:16	05:55	06:38
1069	BEDROOM	100.0	100.0	100.0	100	100.0		04:27	05:11	05:58

Table 60: Assessment Data

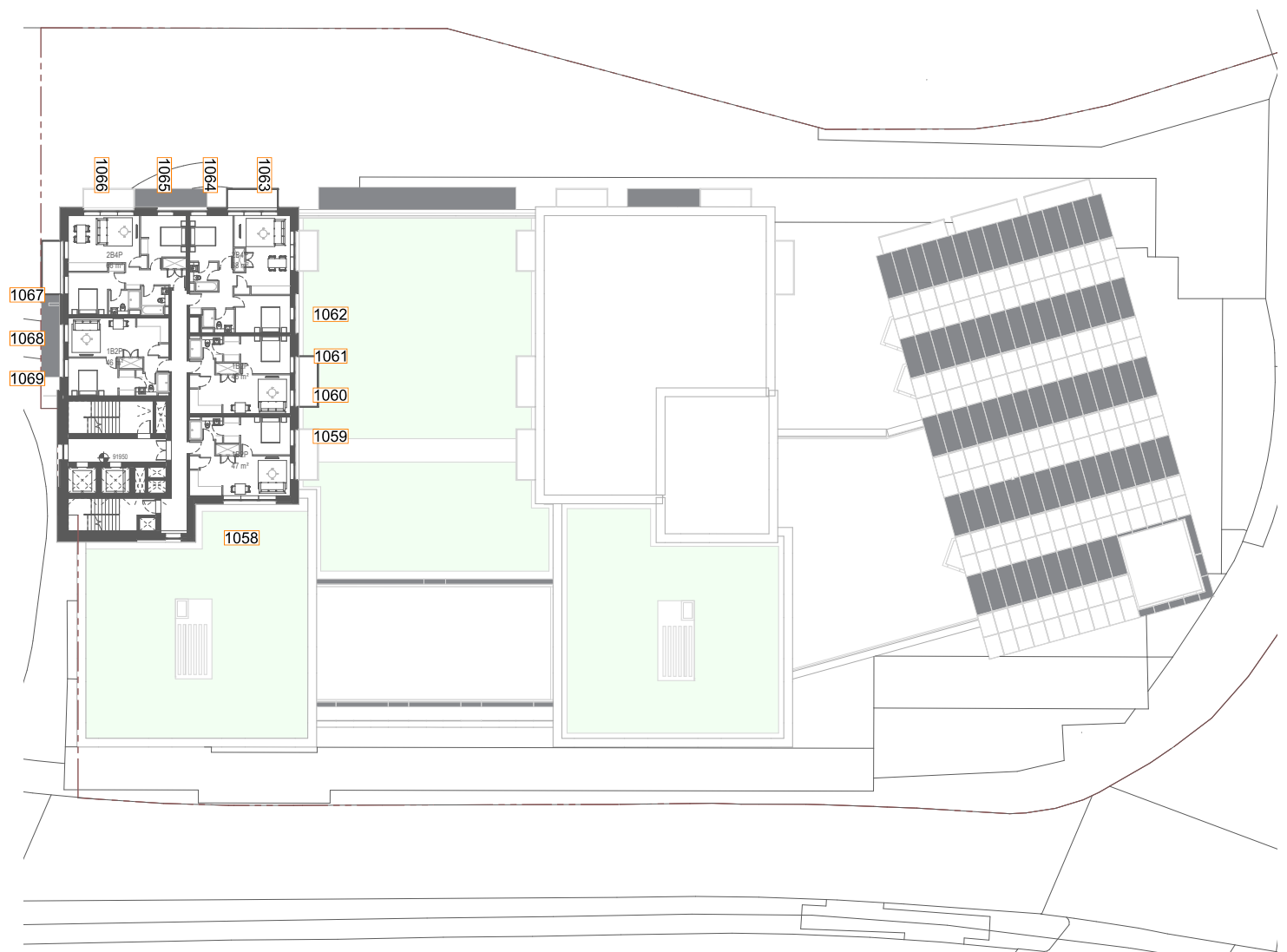
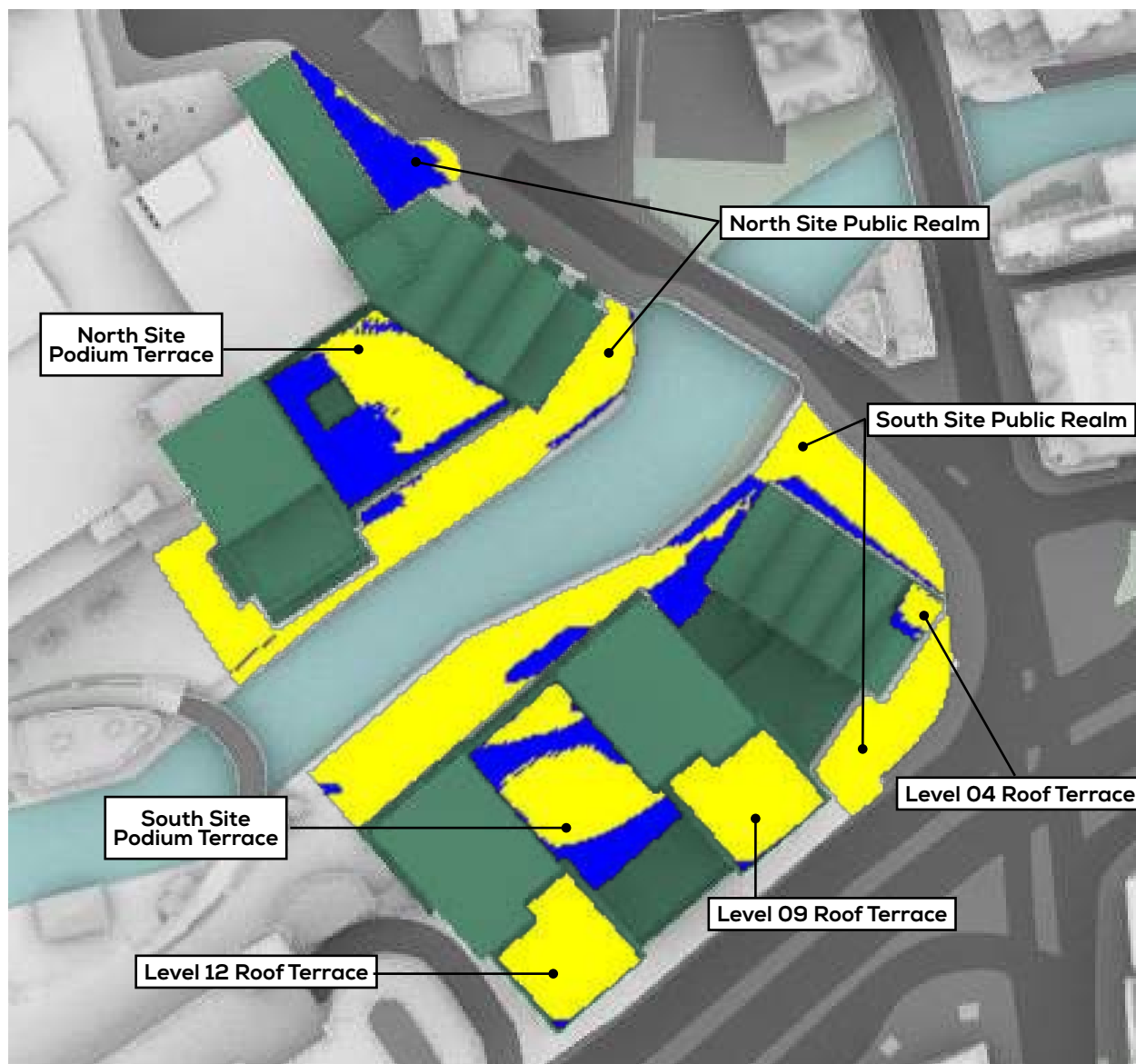


Fig. 69: Floor Plan



9 OVERSHADOWING ASSESSMENTS

OVERSHADOWING ASSESSMENT SUN HOURS ON GROUND - BRE TEST



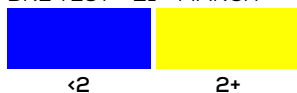
(BRE RECOMMENDS 2+ HOURS OF SUNLIGHT ON 21ST MARCH FOR AT LEAST 50% OF THE OPEN SPACE)
COMBINED OPEN SPACE: 75%

STREET-LEVEL PUBLIC REALM:
NORTH SITE - 77%
SOUTH SITE - 83%

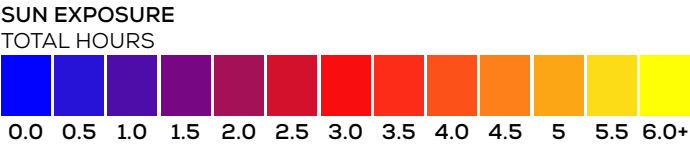
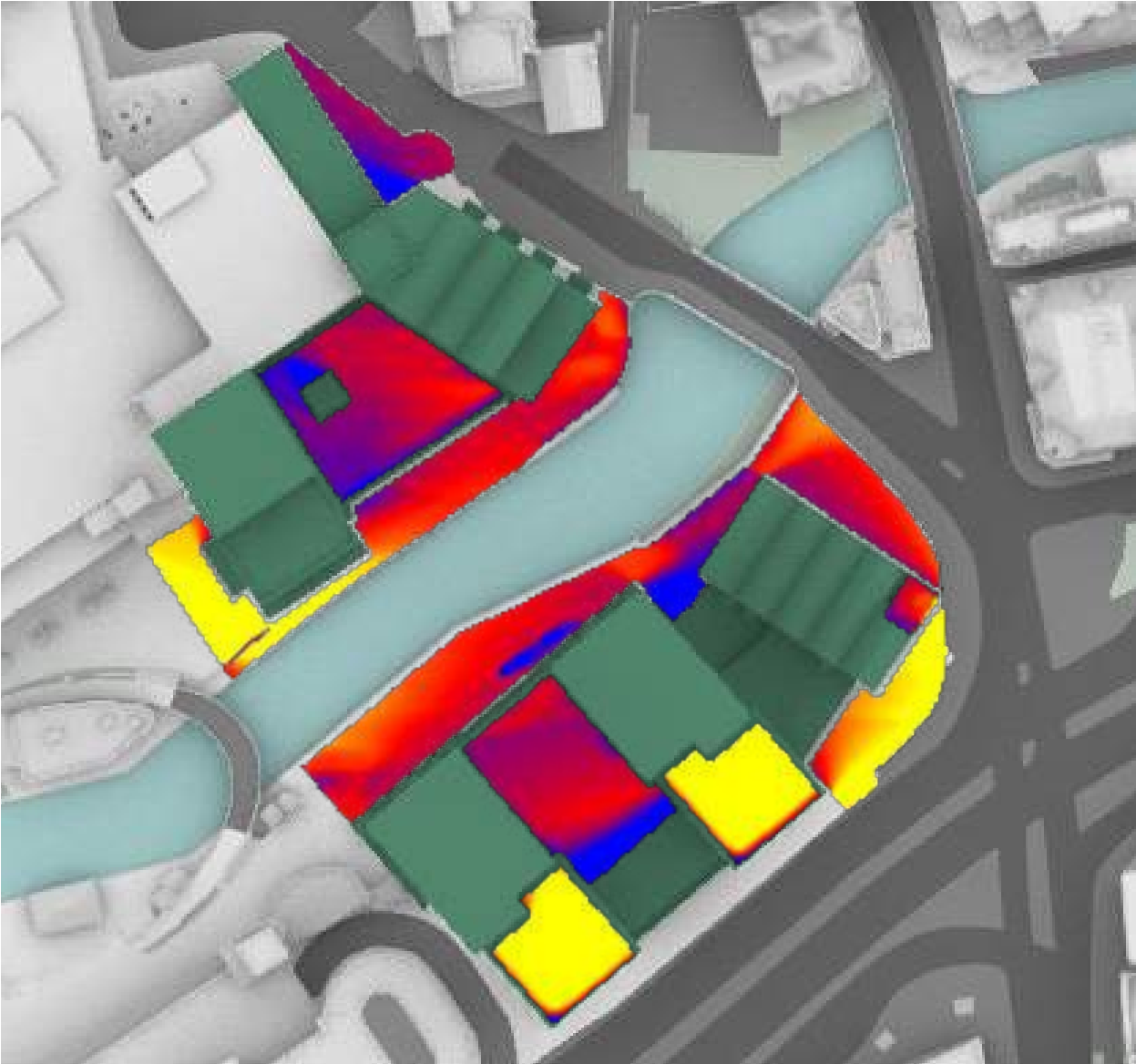
PODIUM AMENITY:
NORTH SITE - 50%
SOUTH SITE - 56%

ROOF TERRACES:
LEVEL 04 - 69%
LEVEL 09 - 96%
LEVEL 12 - 98%

BRE TEST - 21ST MARCH



OVERSHADOWING ASSESSMENT
 SUN EXPOSURE ON GROUND - 21ST MARCH (SPRING EQUINOX)

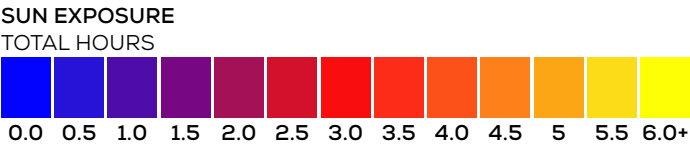
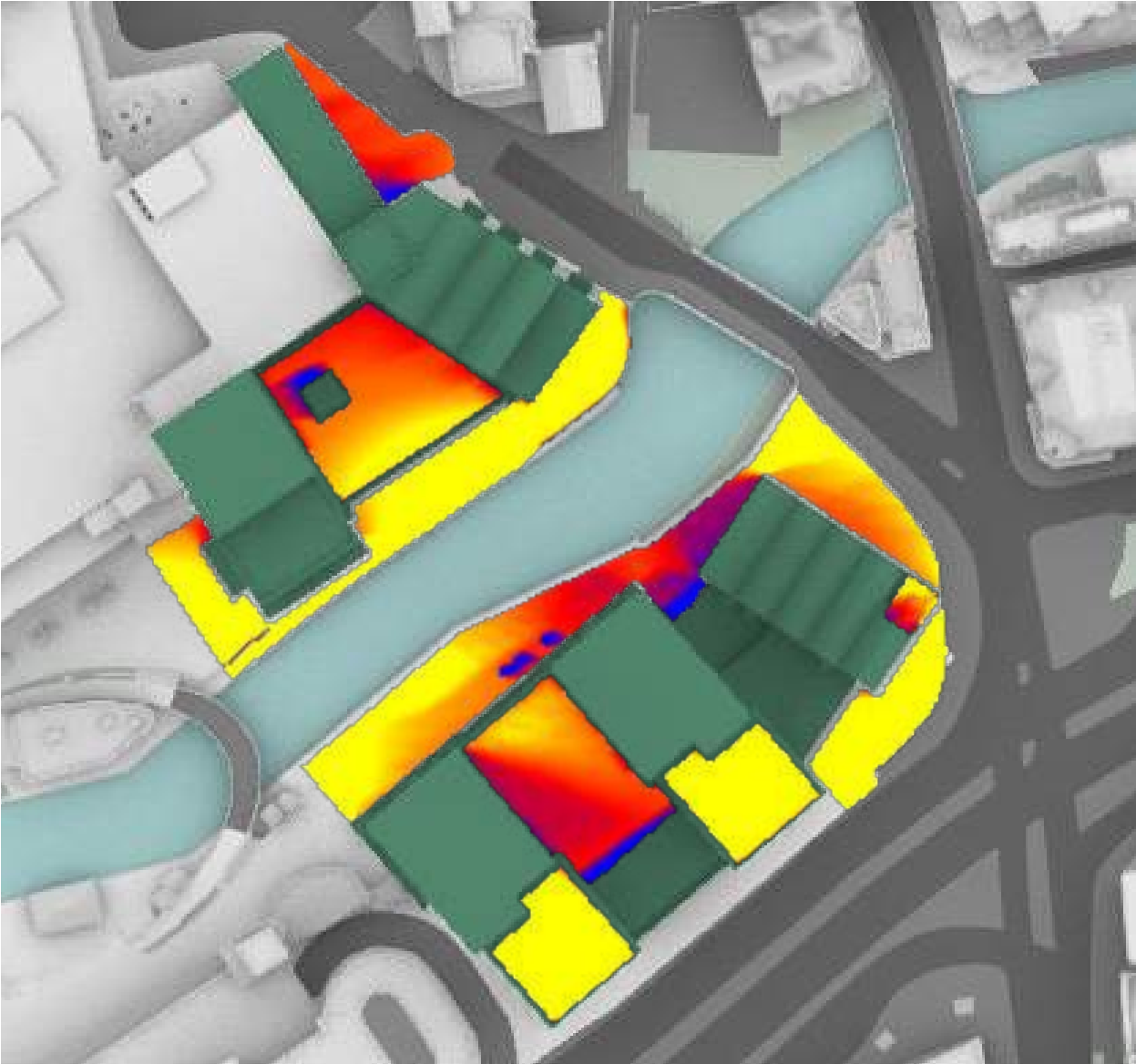


21st MARCH
(SPRING EQUINOX)

BIRMINGHAM
 Latitude: 52.5
 Longitude: 1.9
 Sunrise: 06:08 GMT
 Sunset: 18:22 GMT

Total Available Sunlight:
 12hrs 14mins

OVERSHADOWING ASSESSMENT
SUN EXPOSURE ON GROUND - 21ST JUNE (SUMMER SOLSTICE)



21st JUNE
(SUMMER SOLSTICE)

BIRMINGHAM

Latitude: 52.5
Longitude: 1.9
Sunrise: 04:44 BST
Sunset: 21:34 BST

Total Available Sunlight:
16hrs 49mins



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