



NEW AMENITY SPACES
SUNLIGHT/SHADOW CALCULATION DATA

DKP-N38-5060-B

APPENDIX

B

Castlelake Housing & Apartment Development

PRIVATE AMENITY SPACES (GARDENS)

Compliance guide

	0% Over /equal to
	5% Within
	10% Within
	10% In excess of



Castlelake SHD

UNLIGHT/SHADOW CALCULATION DATA

28 Private amenity space (garden) E 41 m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	123
8.00	86%	14%	60	6	344
9.00	36%	64%	60	26	1,574
10.00	16%	84%	60	34	2,066
11.00	15%	85%	60	35	2,091
12.00	14%	86%	60	35	2,116
13.00	14%	86%	60	35	2,116
14.00	17%	83%	60	34	2,042
15.00	42%	58%	60	24	1,427
16.00	59%	41%	60	17	1,009
17.00	88%	12%	60	5	295
18.00	90%	10%	60	4	246
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 15449

29 Private amenity space (garden) S 39 m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	117
8.00	88%	12%	60	5	281
9.00	86%	14%	60	5	328
10.00	36%	64%	60	25	1,498
11.00	16%	84%	60	33	1,966
12.00	15%	85%	60	33	1,989
13.00	16%	84%	60	33	1,966
14.00	15%	85%	60	33	1,989
15.00	14%	86%	60	34	2,012
16.00	14%	86%	60	34	2,012
17.00	17%	83%	60	32	1,942
18.00	42%	58%	60	23	1,357
19.00	59%	41%	60	16	959

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 18416

30 Private amenity space (garden) N 68 m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	7	408
8.00	86%	14%	60	10	571
9.00	75%	25%	60	17	1,020
10.00	65%	35%	60	24	1,428
11.00	55%	45%	60	31	1,836
12.00	47%	53%	60	36	2,162
13.00	45%	55%	60	37	2,244
14.00	48%	52%	60	35	2,122
15.00	59%	41%	60	28	1,673
16.00	88%	12%	60	8	490
17.00	90%	10%	60	7	408
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 14362

31 Private amenity space (garden) W 76 m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	4	228
11.00	90%	10%	60	8	456
12.00	86%	14%	60	11	638
13.00	36%	64%	60	49	2,918
14.00	16%	84%	60	64	3,830
15.00	15%	85%	60	65	3,876
16.00	14%	86%	60	65	3,922
17.00	14%	86%	60	65	3,922
18.00	17%	83%	60	63	3,785
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 23575



32 Private amenity space (garden) W **82** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	4	246
11.00	90%	10%	60	8	492
12.00	86%	14%	60	11	689
13.00	36%	64%	60	52	3,149
14.00	16%	84%	60	69	4,133
15.00	15%	85%	60	70	4,182
16.00	14%	86%	60	71	4,231
17.00	14%	86%	60	71	4,231
18.00	17%	83%	60	68	4,084
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 25436

33 Private amenity space (garden) N **28** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	3	168
8.00	86%	14%	60	4	235
9.00	75%	25%	60	7	420
10.00	65%	35%	60	10	588
11.00	55%	45%	60	13	756
12.00	47%	53%	60	15	890
13.00	45%	55%	60	15	924
14.00	48%	52%	60	15	874
15.00	59%	41%	60	11	689
16.00	88%	12%	60	3	202
17.00	90%	10%	60	3	168
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 5914

34 Private amenity space (garden) E **91** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	5	273
8.00	86%	14%	60	13	764
9.00	36%	64%	60	58	3,494
10.00	16%	84%	60	76	4,586
11.00	15%	85%	60	77	4,641
12.00	14%	86%	60	78	4,696
13.00	14%	86%	60	78	4,696
14.00	17%	83%	60	76	4,532
15.00	42%	58%	60	53	3,167
16.00	59%	41%	60	37	2,239
17.00	88%	12%	60	11	655
18.00	90%	10%	60	9	546
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 34289

35 Private amenity space (garden) N **87** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	9	522
8.00	86%	14%	60	12	731
9.00	75%	25%	60	22	1,305
10.00	65%	35%	60	30	1,827
11.00	55%	45%	60	39	2,349
12.00	47%	53%	60	46	2,767
13.00	45%	55%	60	48	2,871
14.00	48%	52%	60	45	2,714
15.00	59%	41%	60	36	2,140
16.00	88%	12%	60	10	626
17.00	90%	10%	60	9	522
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 18374



36 Private amenity space (garden) NE **43** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	6	361
8.00	36%	64%	60	28	1,651
9.00	16%	84%	60	36	2,167
10.00	15%	85%	60	37	2,193
11.00	14%	86%	60	37	2,219
12.00	14%	86%	60	37	2,219
13.00	17%	83%	60	36	2,141
14.00	42%	58%	60	25	1,496
15.00	59%	41%	60	18	1,058
16.00	88%	12%	60	5	310
17.00	90%	10%	60	4	258
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.23
 Achieved daily sun time * area 16073

37 Private amenity space (garden) S **114** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	6	342
8.00	88%	12%	60	14	821
9.00	86%	14%	60	16	958
10.00	36%	64%	60	73	4,378
11.00	16%	84%	60	96	5,746
12.00	15%	85%	60	97	5,814
13.00	16%	84%	60	96	5,746
14.00	15%	85%	60	97	5,814
15.00	14%	86%	60	98	5,882
16.00	14%	86%	60	98	5,882
17.00	17%	83%	60	95	5,677
18.00	42%	58%	60	66	3,967
19.00	59%	41%	60	47	2,804

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 53831

38 Private amenity space (garden) NE **71** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	10	596
8.00	36%	64%	60	45	2,726
9.00	16%	84%	60	60	3,578
10.00	15%	85%	60	60	3,621
11.00	14%	86%	60	61	3,664
12.00	14%	86%	60	61	3,664
13.00	17%	83%	60	59	3,536
14.00	42%	58%	60	41	2,471
15.00	59%	41%	60	29	1,747
16.00	88%	12%	60	9	511
17.00	90%	10%	60	7	426
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.23
 Achieved daily sun time * area 26540

39 Private amenity space (garden) SW **90** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	98%	2%	60	2	108
9.00	95%	5%	60	5	270
10.00	90%	10%	60	9	540
11.00	86%	14%	60	13	756
12.00	36%	64%	60	58	3,456
13.00	16%	84%	60	76	4,536
14.00	15%	85%	60	77	4,590
15.00	14%	86%	60	77	4,644
16.00	14%	86%	60	77	4,644
17.00	17%	83%	60	75	4,482
18.00	42%	58%	60	52	3,132
19.00	59%	41%	60	37	2,214

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.18
 Achieved daily sun time * area 33372



40 Private amenity space (garden) E **17** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	51
8.00	86%	14%	60	2	143
9.00	36%	64%	60	11	653
10.00	16%	84%	60	14	857
11.00	15%	85%	60	14	867
12.00	14%	86%	60	15	877
13.00	14%	86%	60	15	877
14.00	17%	83%	60	14	847
15.00	42%	58%	60	10	592
16.00	59%	41%	60	7	418
17.00	88%	12%	60	2	122
18.00	90%	10%	60	2	102
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 6406

41 Private amenity space (garden) E **29** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	87
8.00	86%	14%	60	4	244
9.00	36%	64%	60	19	1,114
10.00	16%	84%	60	24	1,462
11.00	15%	85%	60	25	1,479
12.00	14%	86%	60	25	1,496
13.00	14%	86%	60	25	1,496
14.00	17%	83%	60	24	1,444
15.00	42%	58%	60	17	1,009
16.00	59%	41%	60	12	713
17.00	88%	12%	60	3	209
18.00	90%	10%	60	3	174
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 10927

42 Private amenity space (garden) W **76** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	4	228
11.00	90%	10%	60	8	456
12.00	86%	14%	60	11	638
13.00	36%	64%	60	49	2,918
14.00	16%	84%	60	64	3,830
15.00	15%	85%	60	65	3,876
16.00	14%	86%	60	65	3,922
17.00	14%	86%	60	65	3,922
18.00	17%	83%	60	63	3,785
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 23575

43 Private amenity space (garden) S **230** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	12	690
8.00	88%	12%	60	28	1,656
9.00	86%	14%	60	32	1,932
10.00	36%	64%	60	147	8,832
11.00	16%	84%	60	193	11,592
12.00	15%	85%	60	196	11,730
13.00	16%	84%	60	193	11,592
14.00	15%	85%	60	196	11,730
15.00	14%	86%	60	198	11,868
16.00	14%	86%	60	198	11,868
17.00	17%	83%	60	191	11,454
18.00	42%	58%	60	133	8,004
19.00	59%	41%	60	94	5,658

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 108606



44 Private amenity space (garden) E **58** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	3	174
8.00	86%	14%	60	8	487
9.00	36%	64%	60	37	2,227
10.00	16%	84%	60	49	2,923
11.00	15%	85%	60	49	2,958
12.00	14%	86%	60	50	2,993
13.00	14%	86%	60	50	2,993
14.00	17%	83%	60	48	2,888
15.00	42%	58%	60	34	2,018
16.00	59%	41%	60	24	1,427
17.00	88%	12%	60	7	418
18.00	90%	10%	60	6	348
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 21854

45 Private amenity space (garden) N **99** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	10	594
8.00	86%	14%	60	14	832
9.00	75%	25%	60	25	1,485
10.00	65%	35%	60	35	2,079
11.00	55%	45%	60	45	2,673
12.00	47%	53%	60	52	3,148
13.00	45%	55%	60	54	3,267
14.00	48%	52%	60	51	3,089
15.00	59%	41%	60	41	2,435
16.00	88%	12%	60	12	713
17.00	90%	10%	60	10	594
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 20909

46 Private amenity space (garden) N **82** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	492
8.00	86%	14%	60	11	689
9.00	75%	25%	60	21	1,230
10.00	65%	35%	60	29	1,722
11.00	55%	45%	60	37	2,214
12.00	47%	53%	60	43	2,608
13.00	45%	55%	60	45	2,706
14.00	48%	52%	60	43	2,558
15.00	59%	41%	60	34	2,017
16.00	88%	12%	60	10	590
17.00	90%	10%	60	8	492
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 17318

47 Private amenity space (garden) S **155** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	8	465
8.00	88%	12%	60	19	1,116
9.00	86%	14%	60	22	1,302
10.00	36%	64%	60	99	5,952
11.00	16%	84%	60	130	7,812
12.00	15%	85%	60	132	7,905
13.00	16%	84%	60	130	7,812
14.00	15%	85%	60	132	7,905
15.00	14%	86%	60	133	7,998
16.00	14%	86%	60	133	7,998
17.00	17%	83%	60	129	7,719
18.00	42%	58%	60	90	5,394
19.00	59%	41%	60	64	3,813

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 73191



48 Private amenity space (garden) W **69** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	3	207
11.00	90%	10%	60	7	414
12.00	86%	14%	60	10	580
13.00	36%	64%	60	44	2,650
14.00	16%	84%	60	58	3,478
15.00	15%	85%	60	59	3,519
16.00	14%	86%	60	59	3,560
17.00	14%	86%	60	59	3,560
18.00	17%	83%	60	57	3,436
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 21404

49 Private amenity space (garden) E **42** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	126
8.00	86%	14%	60	6	353
9.00	36%	64%	60	27	1,613
10.00	16%	84%	60	35	2,117
11.00	15%	85%	60	36	2,142
12.00	14%	86%	60	36	2,167
13.00	14%	86%	60	36	2,167
14.00	17%	83%	60	35	2,092
15.00	42%	58%	60	24	1,462
16.00	59%	41%	60	17	1,033
17.00	88%	12%	60	5	302
18.00	90%	10%	60	4	252
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 15826

50 Private amenity space (garden) E **40** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	120
8.00	86%	14%	60	6	336
9.00	36%	64%	60	26	1,536
10.00	16%	84%	60	34	2,016
11.00	15%	85%	60	34	2,040
12.00	14%	86%	60	34	2,064
13.00	14%	86%	60	34	2,064
14.00	17%	83%	60	33	1,992
15.00	42%	58%	60	23	1,392
16.00	59%	41%	60	16	984
17.00	88%	12%	60	5	288
18.00	90%	10%	60	4	240
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 15072

51 Private amenity space (garden) N **77** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	462
8.00	86%	14%	60	11	647
9.00	75%	25%	60	19	1,155
10.00	65%	35%	60	27	1,617
11.00	55%	45%	60	35	2,079
12.00	47%	53%	60	41	2,449
13.00	45%	55%	60	42	2,541
14.00	48%	52%	60	40	2,402
15.00	59%	41%	60	32	1,894
16.00	88%	12%	60	9	554
17.00	90%	10%	60	8	462
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 16262



52 Private amenity space (garden) N **59** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	6	354
8.00	86%	14%	60	8	496
9.00	75%	25%	60	15	885
10.00	65%	35%	60	21	1,239
11.00	55%	45%	60	27	1,593
12.00	47%	53%	60	31	1,876
13.00	45%	55%	60	32	1,947
14.00	48%	52%	60	31	1,841
15.00	59%	41%	60	24	1,451
16.00	88%	12%	60	7	425
17.00	90%	10%	60	6	354
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 12461

53 Private amenity space (garden) N **89** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	9	534
8.00	86%	14%	60	12	748
9.00	75%	25%	60	22	1,335
10.00	65%	35%	60	31	1,869
11.00	55%	45%	60	40	2,403
12.00	47%	53%	60	47	2,830
13.00	45%	55%	60	49	2,937
14.00	48%	52%	60	46	2,777
15.00	59%	41%	60	36	2,189
16.00	88%	12%	60	11	641
17.00	90%	10%	60	9	534
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 18797

54 Private amenity space (garden) W **38** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	2	114
11.00	90%	10%	60	4	228
12.00	86%	14%	60	5	319
13.00	36%	64%	60	24	1,459
14.00	16%	84%	60	32	1,915
15.00	15%	85%	60	32	1,938
16.00	14%	86%	60	33	1,961
17.00	14%	86%	60	33	1,961
18.00	17%	83%	60	32	1,892
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 11788

55 Private amenity space (garden) W **38** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	2	114
11.00	90%	10%	60	4	228
12.00	86%	14%	60	5	319
13.00	36%	64%	60	24	1,459
14.00	16%	84%	60	32	1,915
15.00	15%	85%	60	32	1,938
16.00	14%	86%	60	33	1,961
17.00	14%	86%	60	33	1,961
18.00	17%	83%	60	32	1,892
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 11788



56 Private amenity space (garden) N **86** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	9	516
8.00	86%	14%	60	12	722
9.00	75%	25%	60	22	1,290
10.00	65%	35%	60	30	1,806
11.00	55%	45%	60	39	2,322
12.00	47%	53%	60	46	2,735
13.00	45%	55%	60	47	2,838
14.00	48%	52%	60	45	2,683
15.00	59%	41%	60	35	2,116
16.00	88%	12%	60	10	619
17.00	90%	10%	60	9	516
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 18163

57 Private amenity space (garden) S **88** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	264
8.00	88%	12%	60	11	634
9.00	86%	14%	60	12	739
10.00	36%	64%	60	56	3,379
11.00	16%	84%	60	74	4,435
12.00	15%	85%	60	75	4,488
13.00	16%	84%	60	74	4,435
14.00	15%	85%	60	75	4,488
15.00	14%	86%	60	76	4,541
16.00	14%	86%	60	76	4,541
17.00	17%	83%	60	73	4,382
18.00	42%	58%	60	51	3,062
19.00	59%	41%	60	36	2,165

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 41554

58 Private amenity space (garden) S **80** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	240
8.00	88%	12%	60	10	576
9.00	86%	14%	60	11	672
10.00	36%	64%	60	51	3,072
11.00	16%	84%	60	67	4,032
12.00	15%	85%	60	68	4,080
13.00	16%	84%	60	67	4,032
14.00	15%	85%	60	68	4,080
15.00	14%	86%	60	69	4,128
16.00	14%	86%	60	69	4,128
17.00	17%	83%	60	66	3,984
18.00	42%	58%	60	46	2,784
19.00	59%	41%	60	33	1,968

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 37776

59 Private amenity space (garden) N **140** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	14	840
8.00	86%	14%	60	20	1,176
9.00	75%	25%	60	35	2,100
10.00	65%	35%	60	49	2,940
11.00	55%	45%	60	63	3,780
12.00	47%	53%	60	74	4,452
13.00	45%	55%	60	77	4,620
14.00	48%	52%	60	73	4,368
15.00	59%	41%	60	57	3,444
16.00	88%	12%	60	17	1,008
17.00	90%	10%	60	14	840
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 29568



60 Private amenity space (garden) N **81** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	486
8.00	86%	14%	60	11	680
9.00	75%	25%	60	20	1,215
10.00	65%	35%	60	28	1,701
11.00	55%	45%	60	36	2,187
12.00	47%	53%	60	43	2,576
13.00	45%	55%	60	45	2,673
14.00	48%	52%	60	42	2,527
15.00	59%	41%	60	33	1,993
16.00	88%	12%	60	10	583
17.00	90%	10%	60	8	486
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 17107

61 Private amenity space (garden) S **71** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	213
8.00	88%	12%	60	9	511
9.00	86%	14%	60	10	596
10.00	36%	64%	60	45	2,726
11.00	16%	84%	60	60	3,578
12.00	15%	85%	60	60	3,621
13.00	16%	84%	60	60	3,578
14.00	15%	85%	60	60	3,621
15.00	14%	86%	60	61	3,664
16.00	14%	86%	60	61	3,664
17.00	17%	83%	60	59	3,536
18.00	42%	58%	60	41	2,471
19.00	59%	41%	60	29	1,747

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 33526

62 Private amenity space (garden) E **79** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	237
8.00	86%	14%	60	11	664
9.00	36%	64%	60	51	3,034
10.00	16%	84%	60	66	3,982
11.00	15%	85%	60	67	4,029
12.00	14%	86%	60	68	4,076
13.00	14%	86%	60	68	4,076
14.00	17%	83%	60	66	3,934
15.00	42%	58%	60	46	2,749
16.00	59%	41%	60	32	1,943
17.00	88%	12%	60	9	569
18.00	90%	10%	60	8	474
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 29767

63 Private amenity space (garden) N **77** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	462
8.00	86%	14%	60	11	647
9.00	75%	25%	60	19	1,155
10.00	65%	35%	60	27	1,617
11.00	55%	45%	60	35	2,079
12.00	47%	53%	60	41	2,449
13.00	45%	55%	60	42	2,541
14.00	48%	52%	60	40	2,402
15.00	59%	41%	60	32	1,894
16.00	88%	12%	60	9	554
17.00	90%	10%	60	8	462
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 16262



64 Private amenity space (garden) S **79** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	237
8.00	88%	12%	60	9	569
9.00	86%	14%	60	11	664
10.00	36%	64%	60	51	3,034
11.00	16%	84%	60	66	3,982
12.00	15%	85%	60	67	4,029
13.00	16%	84%	60	66	3,982
14.00	15%	85%	60	67	4,029
15.00	14%	86%	60	68	4,076
16.00	14%	86%	60	68	4,076
17.00	17%	83%	60	66	3,934
18.00	42%	58%	60	46	2,749
19.00	59%	41%	60	32	1,943

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 37304

65 Private amenity space (garden) S **73** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	219
8.00	88%	12%	60	9	526
9.00	86%	14%	60	10	613
10.00	36%	64%	60	47	2,803
11.00	16%	84%	60	61	3,679
12.00	15%	85%	60	62	3,723
13.00	16%	84%	60	61	3,679
14.00	15%	85%	60	62	3,723
15.00	14%	86%	60	63	3,767
16.00	14%	86%	60	63	3,767
17.00	17%	83%	60	61	3,635
18.00	42%	58%	60	42	2,540
19.00	59%	41%	60	30	1,796

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 34471

66 Private amenity space (garden) N **84** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	504
8.00	86%	14%	60	12	706
9.00	75%	25%	60	21	1,260
10.00	65%	35%	60	29	1,764
11.00	55%	45%	60	38	2,268
12.00	47%	53%	60	45	2,671
13.00	45%	55%	60	46	2,772
14.00	48%	52%	60	44	2,621
15.00	59%	41%	60	34	2,066
16.00	88%	12%	60	10	605
17.00	90%	10%	60	8	504
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 17741

67 Private amenity space (garden) N **82** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	492
8.00	86%	14%	60	11	689
9.00	75%	25%	60	21	1,230
10.00	65%	35%	60	29	1,722
11.00	55%	45%	60	37	2,214
12.00	47%	53%	60	43	2,608
13.00	45%	55%	60	45	2,706
14.00	48%	52%	60	43	2,558
15.00	59%	41%	60	34	2,017
16.00	88%	12%	60	10	590
17.00	90%	10%	60	8	492
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 17318



68 Private amenity space (garden) NE **150** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	86%	14%	60	21	1,260
8.00	36%	64%	60	96	5,760
9.00	16%	84%	60	126	7,560
10.00	15%	85%	60	128	7,650
11.00	14%	86%	60	129	7,740
12.00	14%	86%	60	129	7,740
13.00	17%	83%	60	125	7,470
14.00	42%	58%	60	87	5,220
15.00	59%	41%	60	62	3,690
16.00	88%	12%	60	18	1,080
17.00	90%	10%	60	15	900
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.23
 Achieved daily sun time * area 56070

69 Private amenity space (garden) S **87** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	261
8.00	88%	12%	60	10	626
9.00	86%	14%	60	12	731
10.00	36%	64%	60	56	3,341
11.00	16%	84%	60	73	4,385
12.00	15%	85%	60	74	4,437
13.00	16%	84%	60	73	4,385
14.00	15%	85%	60	74	4,437
15.00	14%	86%	60	75	4,489
16.00	14%	86%	60	75	4,489
17.00	17%	83%	60	72	4,333
18.00	42%	58%	60	50	3,028
19.00	59%	41%	60	36	2,140

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 41081

70 Private amenity space (garden) S **75** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	4	225
8.00	88%	12%	60	9	540
9.00	86%	14%	60	11	630
10.00	36%	64%	60	48	2,880
11.00	16%	84%	60	63	3,780
12.00	15%	85%	60	64	3,825
13.00	16%	84%	60	63	3,780
14.00	15%	85%	60	64	3,825
15.00	14%	86%	60	65	3,870
16.00	14%	86%	60	65	3,870
17.00	17%	83%	60	62	3,735
18.00	42%	58%	60	44	2,610
19.00	59%	41%	60	31	1,845

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 35415

71 Private amenity space (garden) N **84** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	8	504
8.00	86%	14%	60	12	706
9.00	75%	25%	60	21	1,260
10.00	65%	35%	60	29	1,764
11.00	55%	45%	60	38	2,268
12.00	47%	53%	60	45	2,671
13.00	45%	55%	60	46	2,772
14.00	48%	52%	60	44	2,621
15.00	59%	41%	60	34	2,066
16.00	88%	12%	60	10	605
17.00	90%	10%	60	8	504
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 17741



72 Private amenity space (garden) S **30** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	90
8.00	88%	12%	60	4	216
9.00	86%	14%	60	4	252
10.00	36%	64%	60	19	1,152
11.00	16%	84%	60	25	1,512
12.00	15%	85%	60	26	1,530
13.00	16%	84%	60	25	1,512
14.00	15%	85%	60	26	1,530
15.00	14%	86%	60	26	1,548
16.00	14%	86%	60	26	1,548
17.00	17%	83%	60	25	1,494
18.00	42%	58%	60	17	1,044
19.00	59%	41%	60	12	738

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 14166

73 Private amenity space (garden) W **37** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	100%	0%	60	0	0
8.00	100%	0%	60	0	0
9.00	100%	0%	60	0	0
10.00	95%	5%	60	2	111
11.00	90%	10%	60	4	222
12.00	86%	14%	60	5	311
13.00	36%	64%	60	24	1,421
14.00	16%	84%	60	31	1,865
15.00	15%	85%	60	31	1,887
16.00	14%	86%	60	32	1,909
17.00	14%	86%	60	32	1,909
18.00	17%	83%	60	31	1,843
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **6.00**
 Achieved total sun time (hrs) 5.17
 Achieved daily sun time * area 11477

74 Private amenity space (garden) N **45** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	5	270
8.00	86%	14%	60	6	378
9.00	75%	25%	60	11	675
10.00	65%	35%	60	16	945
11.00	55%	45%	60	20	1,215
12.00	47%	53%	60	24	1,431
13.00	45%	55%	60	25	1,485
14.00	48%	52%	60	23	1,404
15.00	59%	41%	60	18	1,107
16.00	88%	12%	60	5	324
17.00	90%	10%	60	5	270
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 9504

75 Private amenity space (garden) E **39** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	117
8.00	86%	14%	60	5	328
9.00	36%	64%	60	25	1,498
10.00	16%	84%	60	33	1,966
11.00	15%	85%	60	33	1,989
12.00	14%	86%	60	34	2,012
13.00	14%	86%	60	34	2,012
14.00	17%	83%	60	32	1,942
15.00	42%	58%	60	23	1,357
16.00	59%	41%	60	16	959
17.00	88%	12%	60	5	281
18.00	90%	10%	60	4	234
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 14695



76 Private amenity space (garden) S **44** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	132
8.00	88%	12%	60	5	317
9.00	86%	14%	60	6	370
10.00	36%	64%	60	28	1,690
11.00	16%	84%	60	37	2,218
12.00	15%	85%	60	37	2,244
13.00	16%	84%	60	37	2,218
14.00	15%	85%	60	37	2,244
15.00	14%	86%	60	38	2,270
16.00	14%	86%	60	38	2,270
17.00	17%	83%	60	37	2,191
18.00	42%	58%	60	26	1,531
19.00	59%	41%	60	18	1,082

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 20777

77 Private amenity space (garden) N **38** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	90%	10%	60	4	228
8.00	86%	14%	60	5	319
9.00	75%	25%	60	10	570
10.00	65%	35%	60	13	798
11.00	55%	45%	60	17	1,026
12.00	47%	53%	60	20	1,208
13.00	45%	55%	60	21	1,254
14.00	48%	52%	60	20	1,186
15.00	59%	41%	60	16	935
16.00	88%	12%	60	5	274
17.00	90%	10%	60	4	228
18.00	100%	0%	60	0	0
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **3.00**
 Achieved total sun time (hrs) 3.52
 Achieved daily sun time * area 8026

78 Private amenity space (garden) E **28** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Suntime	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	1	84
8.00	86%	14%	60	4	235
9.00	36%	64%	60	18	1,075
10.00	16%	84%	60	24	1,411
11.00	15%	85%	60	24	1,428
12.00	14%	86%	60	24	1,445
13.00	14%	86%	60	24	1,445
14.00	17%	83%	60	23	1,394
15.00	42%	58%	60	16	974
16.00	59%	41%	60	11	689
17.00	88%	12%	60	3	202
18.00	90%	10%	60	3	168
19.00	100%	0%	60	0	0

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **7.00**
 Achieved total sun time (hrs) 6.28
 Achieved daily sun time * area 10550

79 Private amenity space (garden) S **44** m2

NEW STATUS March 21st

Time	Shadow	Sunlight	Sun time	Sun area	Sun time.area
24 Hr	% / %		min	m2	min*m2
6.00	100%	0%	60	0	0
7.00	95%	5%	60	2	132
8.00	88%	12%	60	5	317
9.00	86%	14%	60	6	370
10.00	36%	64%	60	28	1,690
11.00	16%	84%	60	37	2,218
12.00	15%	85%	60	37	2,244
13.00	16%	84%	60	37	2,218
14.00	15%	85%	60	37	2,244
15.00	14%	86%	60	38	2,270
16.00	14%	86%	60	38	2,270
17.00	17%	83%	60	37	2,191
18.00	42%	58%	60	26	1,531
19.00	59%	41%	60	18	1,082

Required sun hours @ 50% area 2
 Achieved sun hours on @ 50% area **9.00**
 Achieved total sun time (hrs) 7.87
 Achieved daily sun time * area 20777

