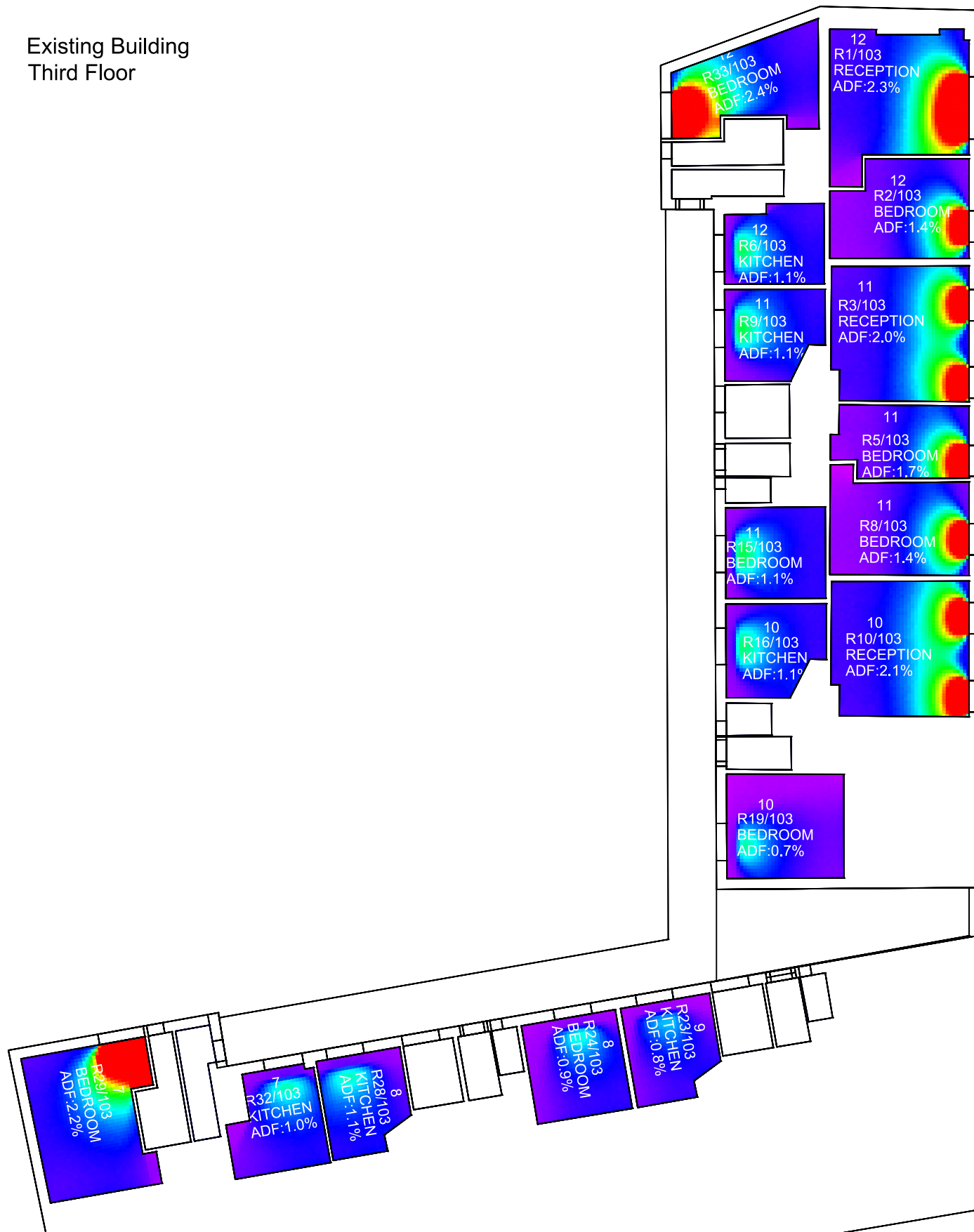
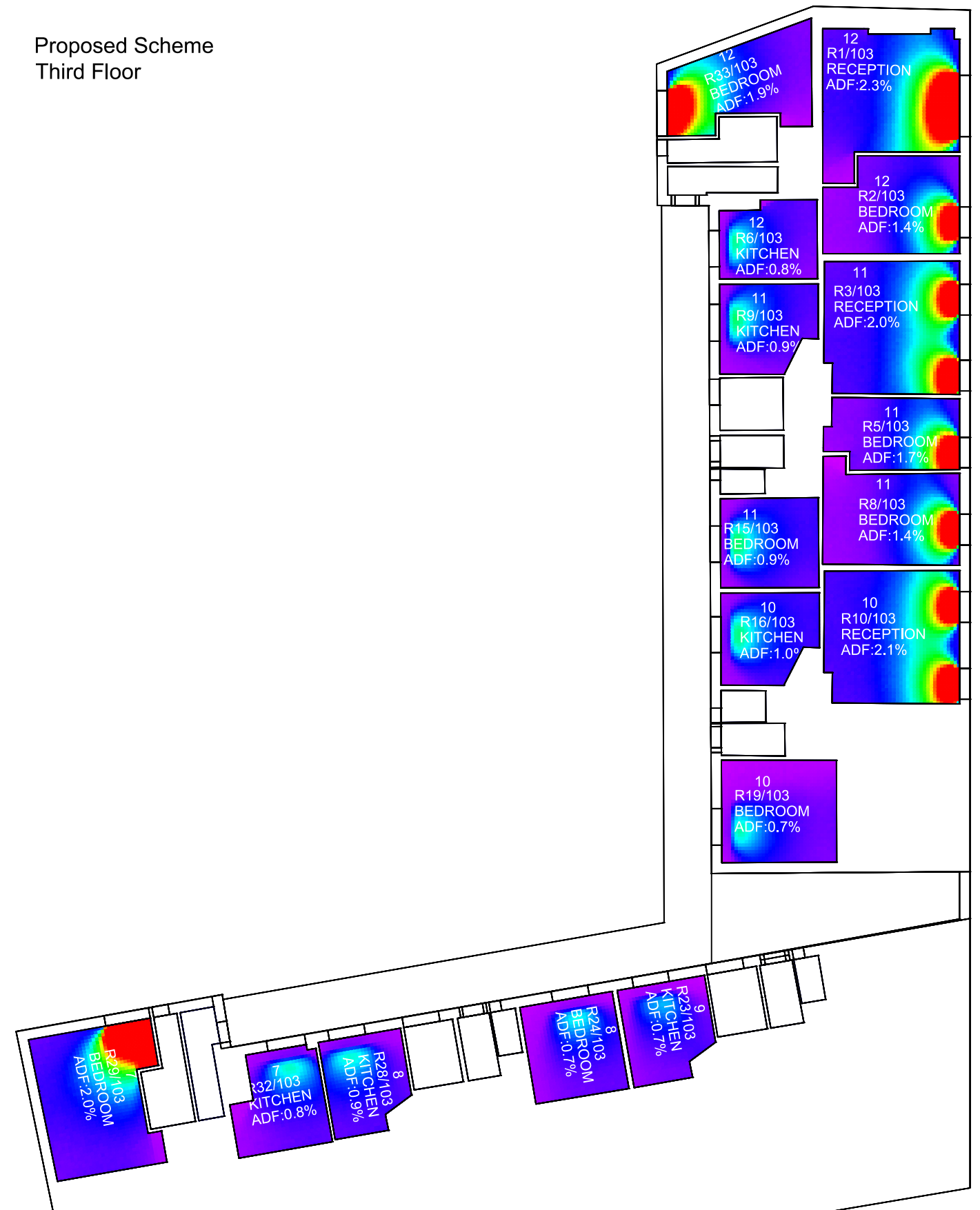


Existing Building
Third Floor

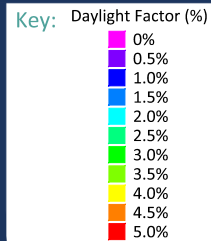


Proposed Scheme
Third Floor



Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 220121)
6a_531_210122_MASSING_LOCATED_REV_2.3dm



Project: Grand Union House,
Camden

Title: Daylight Factor Results
Existing VS Proposed Scheme 22/01/21 Revised
9-15 Camden Road, Barnes House

Scheme Confirmed:
6a Architects

Date:
22/01/2021

Drawn By:
SA

Scale:
1:100

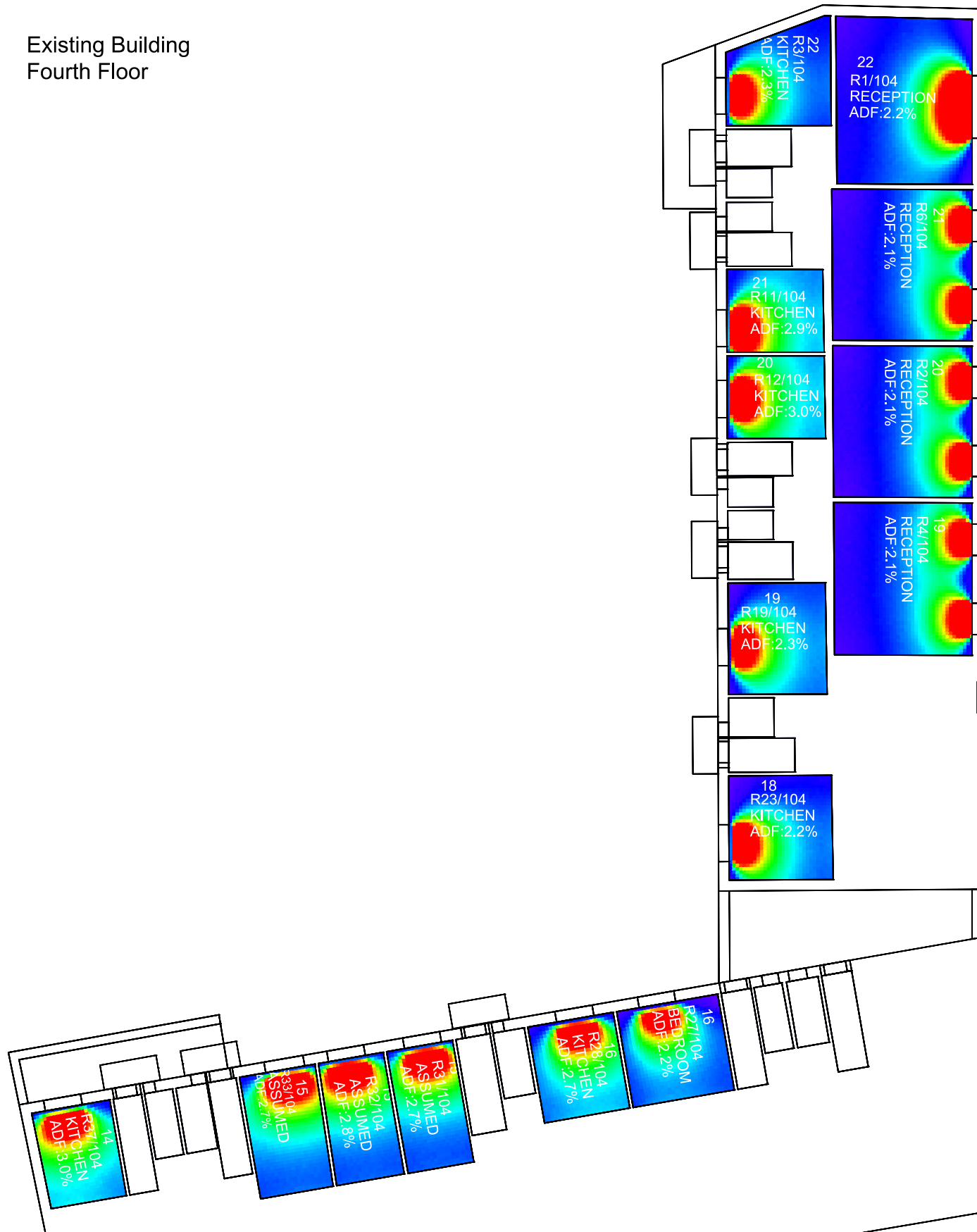
Date:
JAN 21

Dwg No:
P1555/DF/18

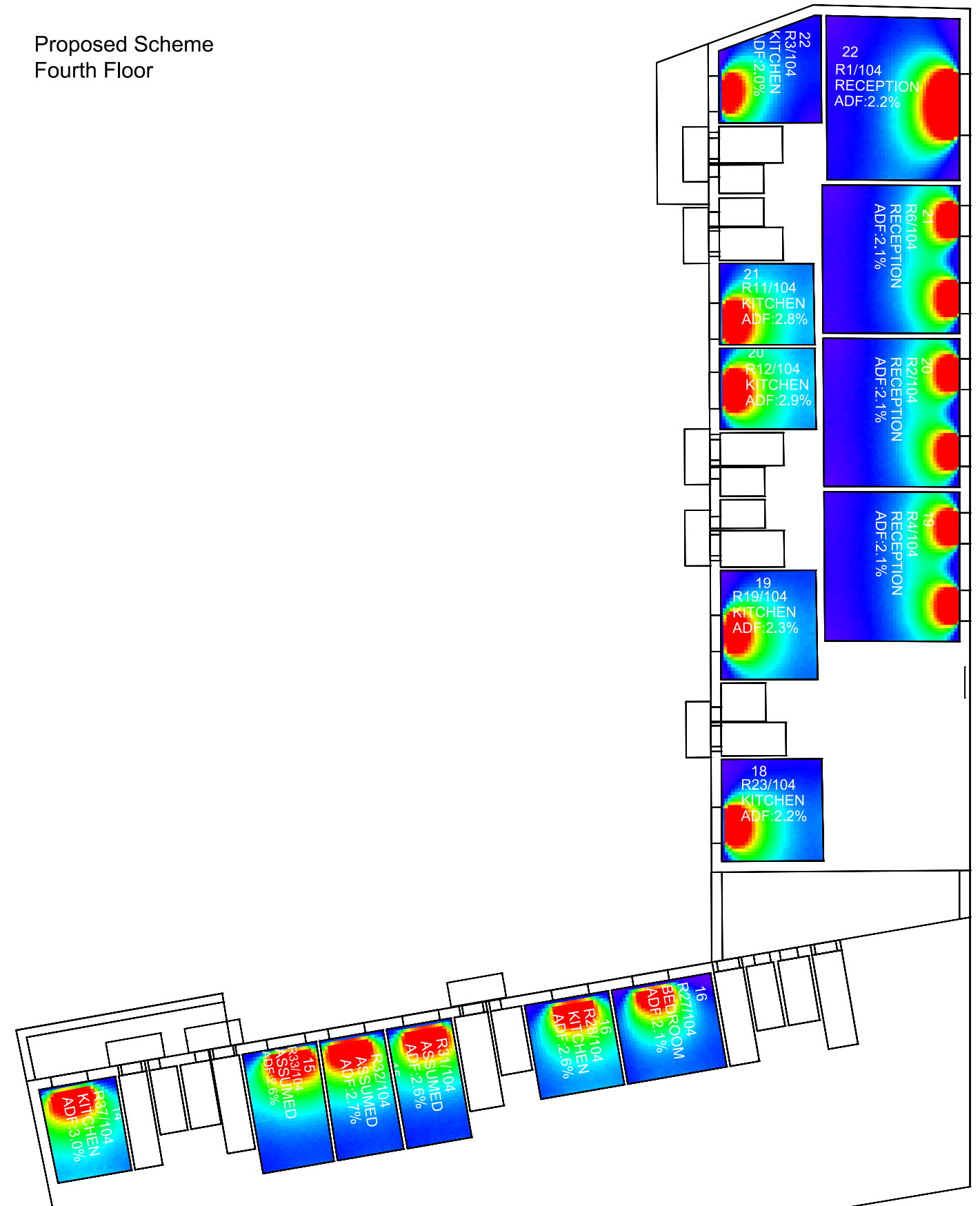
Rel:
17



Existing Building
Fourth Floor



Proposed Scheme
Fourth Floor



Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 220121)
6a_531_210122_MASSING_LOCATED_REV_2.3dm



Project: Grand Union House,
Camden

Title: Daylight Factor Results
Existing VS Proposed Scheme 22/01/21 Revised
9-15 Camden Road, Barnes House

Scheme Confirmed:
6a Architects

Date:
22/01/2021

Drawn By:
SA

Scale:
1:100

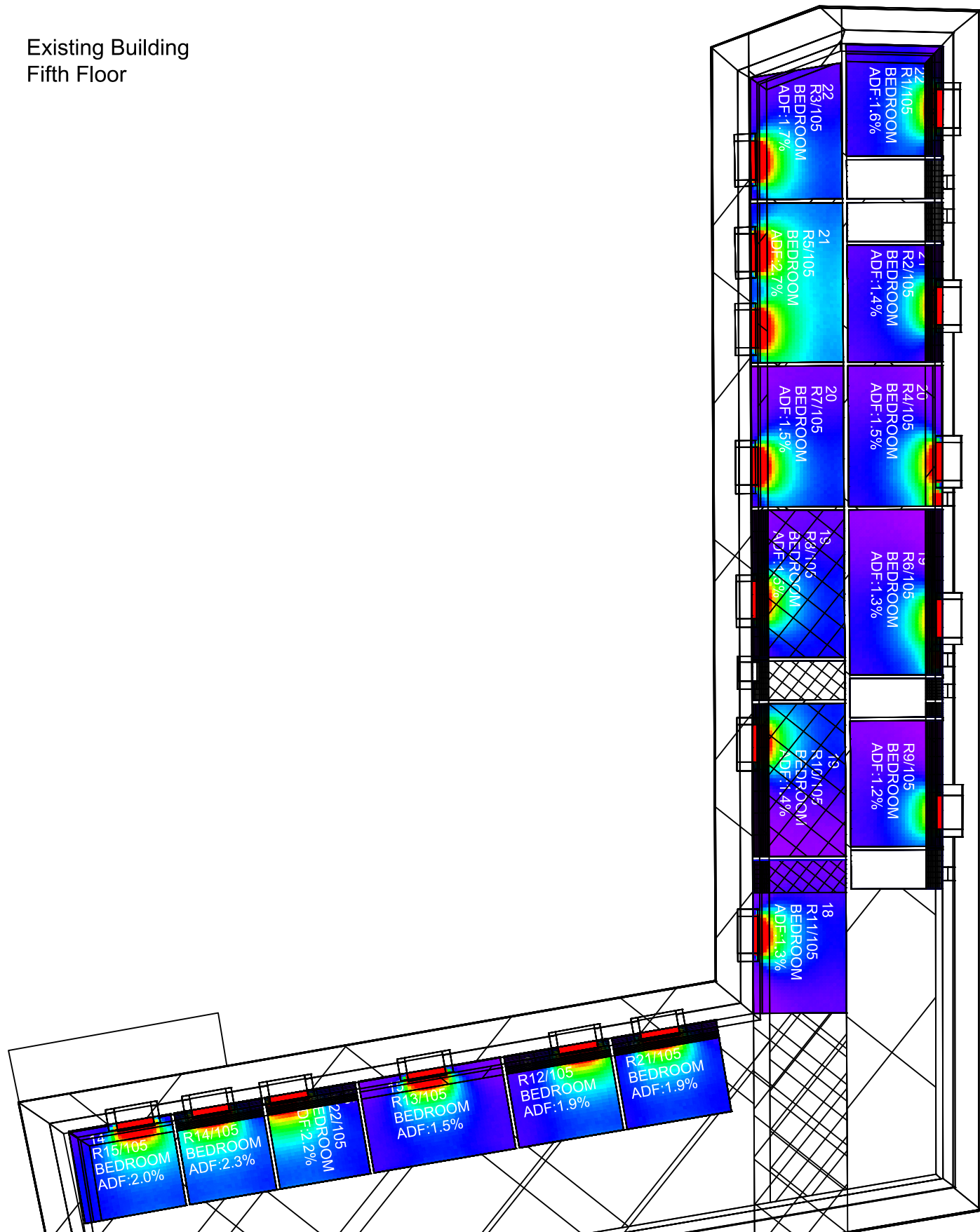
Date:
JAN 21

Dwg No:
P1555/DF/19

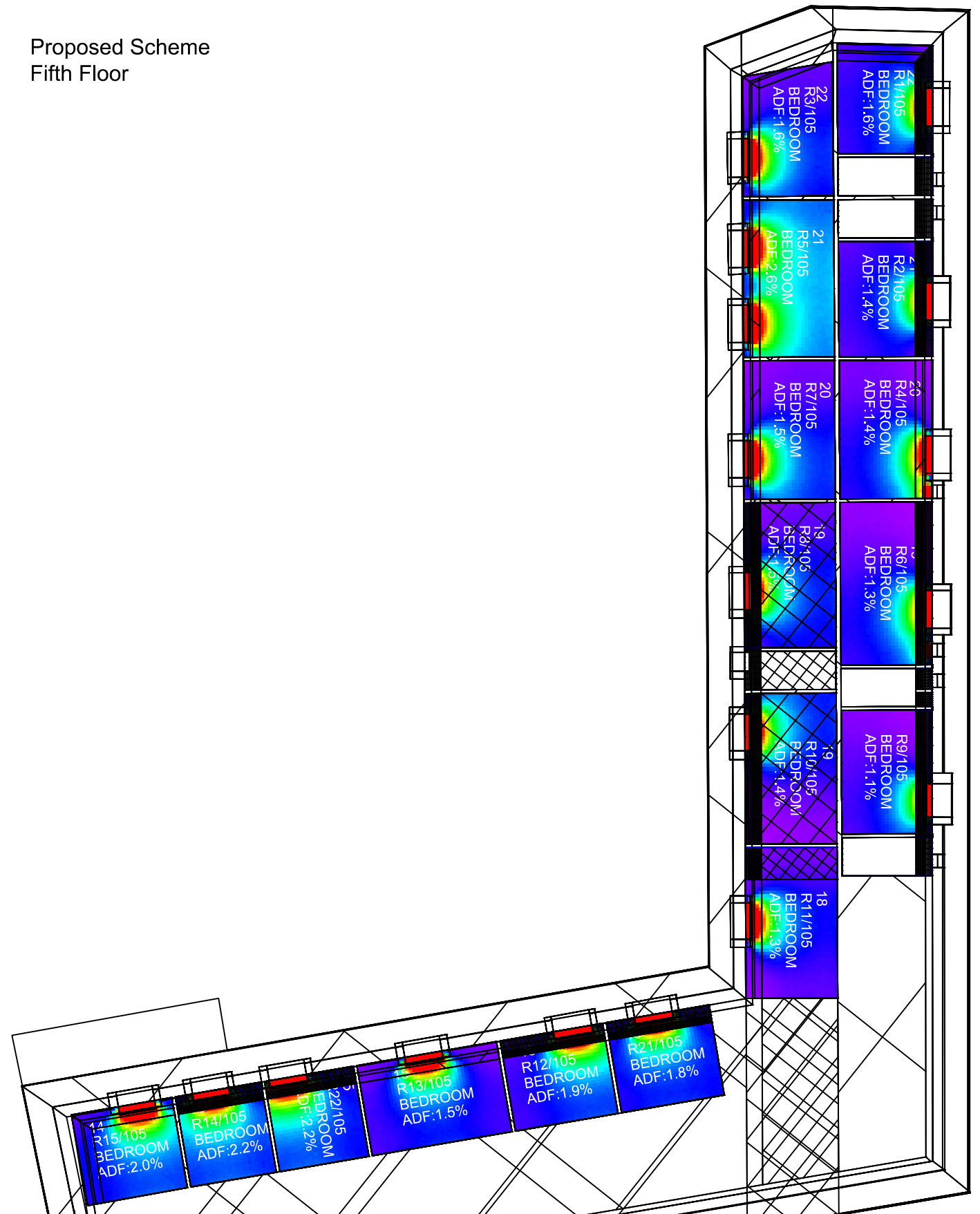
Rel:
17



Existing Building
Fifth Floor

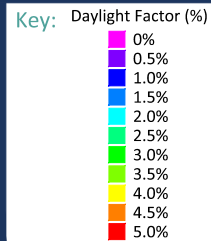


Proposed Scheme
Fifth Floor



Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 220121)
6a_531_210122_MASSING_LOCATED_REV_2.3dm



Project: Grand Union House,
Camden

Title: Daylight Factor Results
Existing VS Proposed Scheme 22/01/21 Revised
9-15 Camden Road, Barnes House

Scheme Confirmed:
6a Architects

Date:
22/01/2021

Drawn By:
SA

Scale:
1:100

Date:
JAN 21

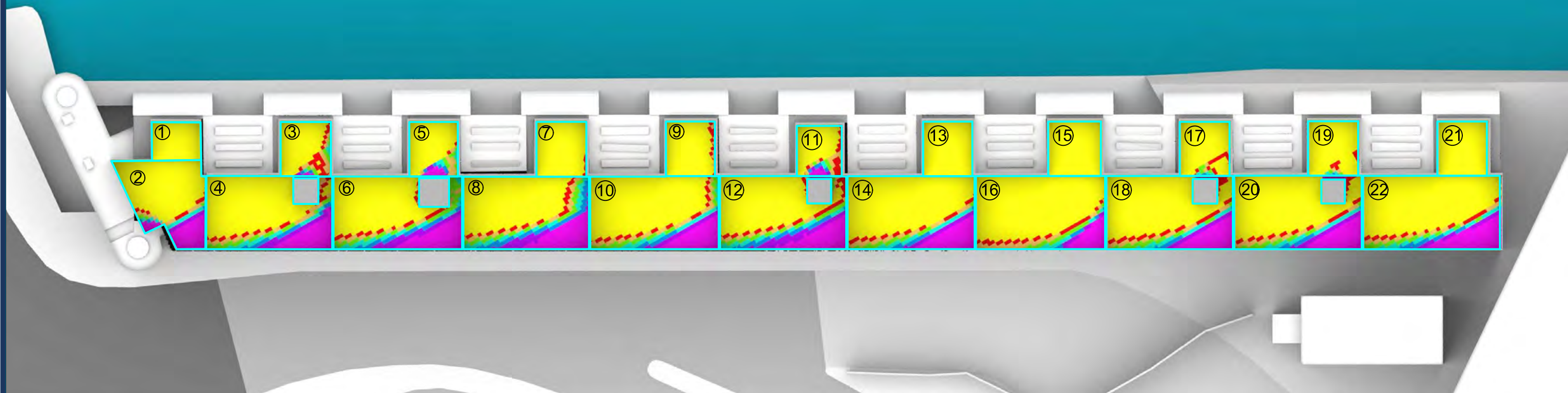
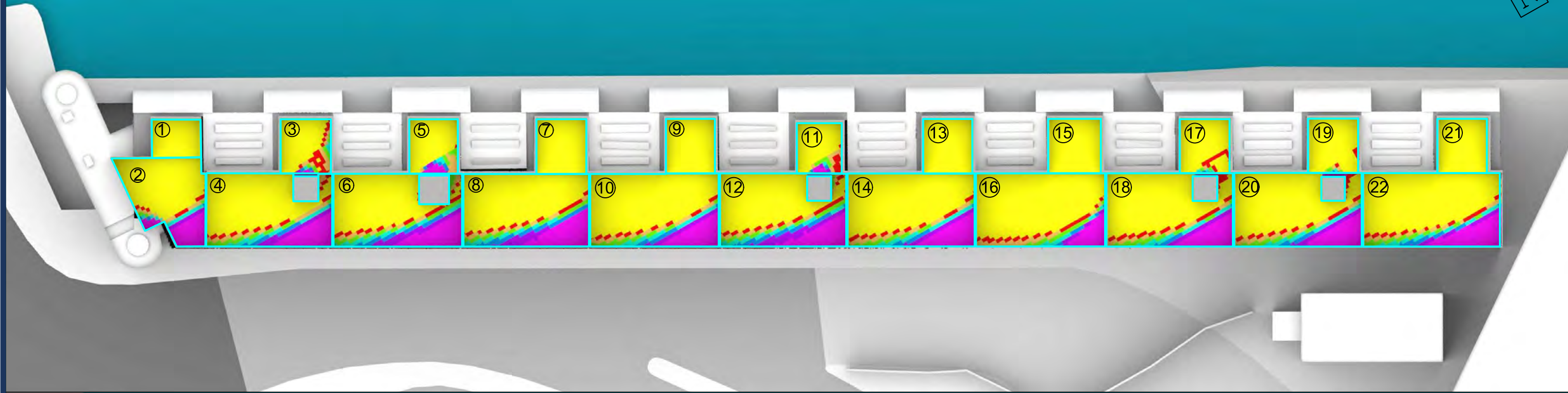
Dwg No:
P1555/DF/20

Rel:
17



Appendix 5: Shadow Plots





Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 22/01/21)
6a_531_210122_MASSING_LOCATED_REV_2.3dm

Key:

- Area analysed
- ① Room Number
- Permanent Shadow
- 0-20 mins
- 20-40 mins
- 40-60 mins
- 60-80 mins
- 80-100 mins
- 100-120 mins
- ≥ 120mins

Scheme Confirmed: 6a Architects

Date: 22/01/2021

Project: Grand Union House, Camden

Drawn By: SA

Scale: 1:200 @ A3

Date: JAN 21

Title: Sunlight Hours on Ground Study
Existing VS Proposed Scheme Received 22/01/21 Revised
For Grand Union Walk - Roof Terraces
March 21st

Dwg No: **P1555/117**

Rel: **17**





Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 220121)
6a_531_210122_MASSING_LOCATED_REV_2.3dm

Key:

- Area analysed
- ① Room Number
- Permanent Shadow
- 0-20 mins
- 20-40 mins
- 40-60 mins
- 60-80 mins
- 80-100 mins
- 100-120 mins
- ≥ 120mins

Project: Grand Union House,
Camden

Title: Sunlight Hours on Ground Study
Existing VS Proposed Scheme Received 22/01/21 Revised
For Grand Union Walk - Roof Terraces
June 21st

Scheme Confirmed:
6a Architects

Date:
22/01/2021

Drawn By:
SA

Scale:
1:200 @ A3

Date:
JAN 21

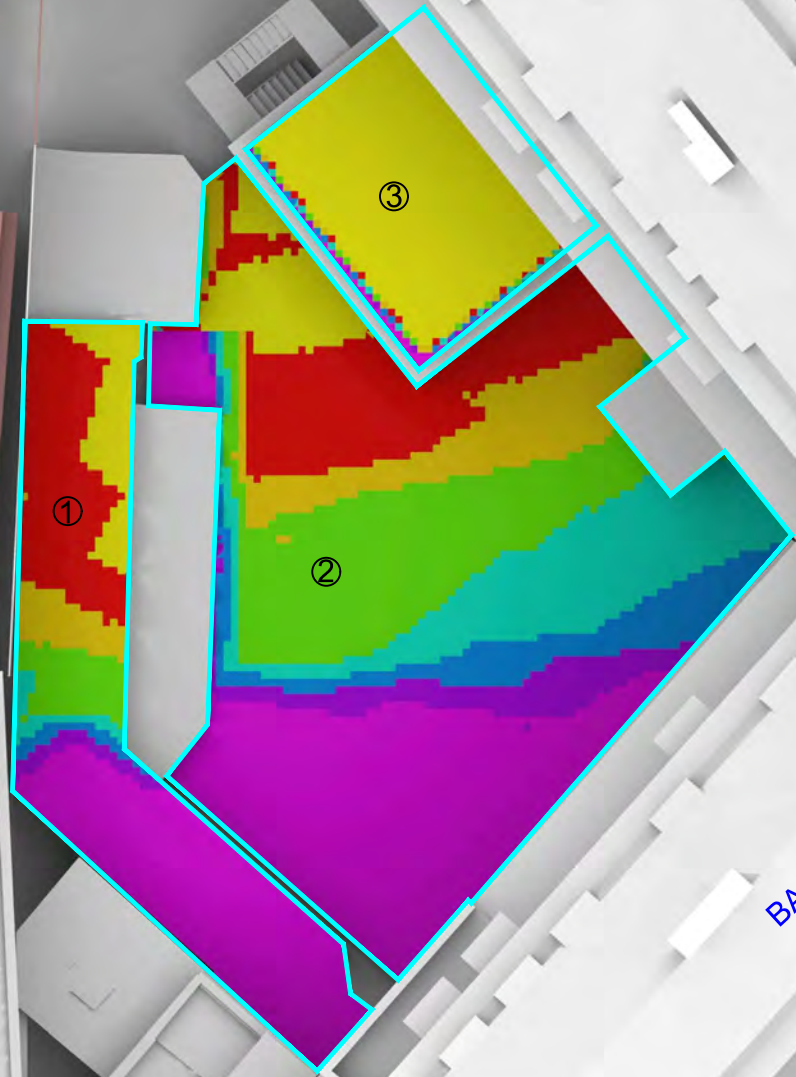
Dwg No:
P1555/118

Rel:
17

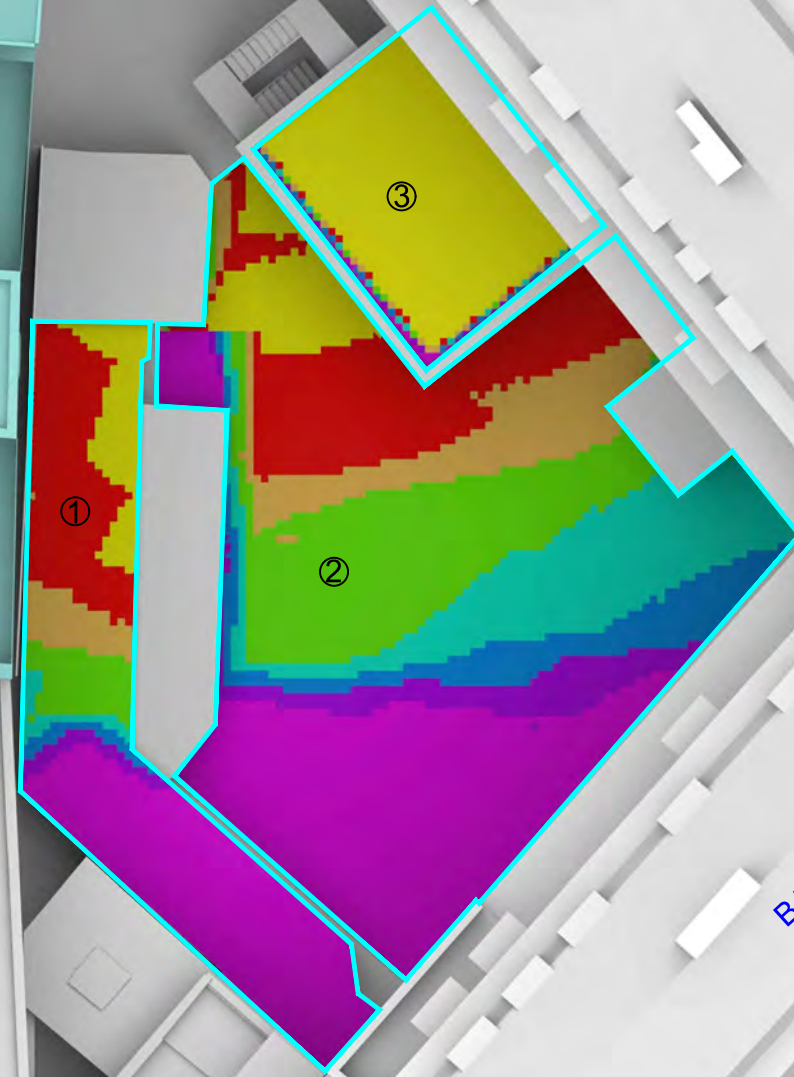


Existing Buildings

Proposed Scheme



BARNES HOUSE



BARNES HOUSE

Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 220121)
6a_531_210122_MASSING_LOCATED_REV_2.3dm

Key:

- Existing Buildings
- Proposed Scheme
- Area analysed
- 1 Room Number
- Permanent Shadow
- 0-20 mins
- 20-40 mins
- 40-60 mins
- 60-80 mins
- 80-100 mins
- 100-120 mins
- ≥ 120mins

Project: Grand Union House, Camden

Title: Sunlight Hours on Ground Study
Proposed Scheme Received 21/01/21 Revised
For Barnes House
March 21st

Scheme Confirmed:
6a Architects

Date:
22/01/2021

Drawn By:
SA

Scale:
1:200 @ A3

Date:
JAN 21

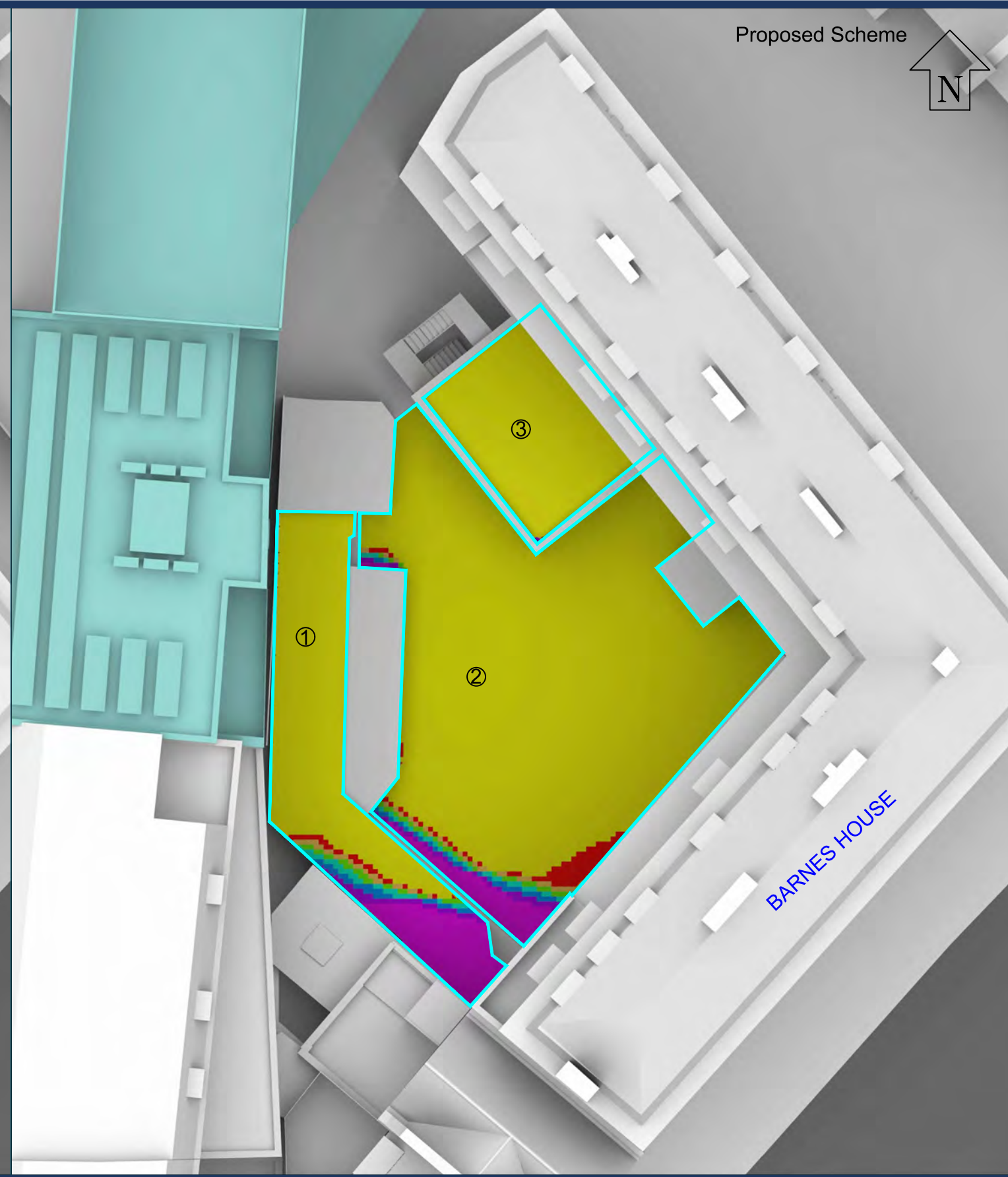
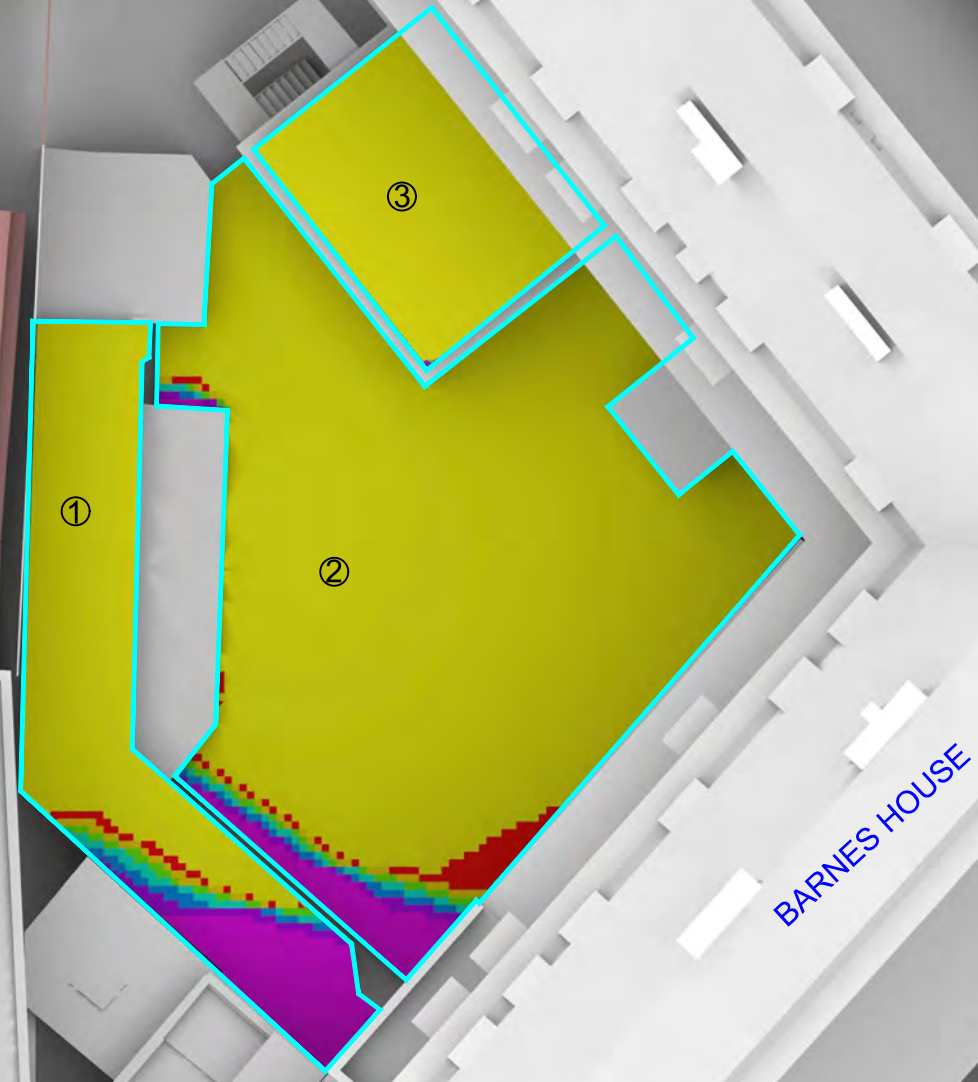
Dwg No:
P1555/119

Rel:
17



Existing Buildings

Proposed Scheme



Sources: Point 2 Surveyors
Point cloud
Site Photos

6a Architects
Proposed Info (received 220121)
6a_531_210122_MASSING_LOCATED_REV_2.3dm

Key:

- Existing Buildings
- Proposed Scheme
- Area analysed
- Room Number
- Permanent Shadow
- 0-20 mins
- 20-40 mins
- 40-60 mins
- 60-80 mins
- 80-100 mins
- 100-120 mins
- ≥ 120mins

Project: Grand Union House, Camden

Title: Sunlight Hours on Ground Study Proposed Scheme Received 21/01/21 Revised For Barnes House June 21st

Scheme Confirmed:
6a Architects

Date:
22/01/2021

Drawn By:
SA

Scale:
1:200 @ A3

Date:
JAN 21

Dwg No:
P1555/120

Rel:
17



**Sunlight Hours on Ground Study
Existing Buildings
Barnes House
Existing Buildings March 21st**

Start Time: Mar 21 3:00 am, End Time: Mar 21 22:00 pm, Solar Sample Interval: 1 min
Solar Angle Cutoff: 10.0 deg, Working Plane: 10.0 mm
Sunlight Sample: 1 min, Grid Size: 200.0 mm

Area 1 West R1/16

Open space area:	62.35 Sq m	
Area between 0.00 and 1.00 mins:	28.44 Sq m	-45.61%
Area between 1.00 and 20.00 mins:	1.68 Sq m	-2.69%
Area between 20.00 and 40.00 mins:	1.21 Sq m	-1.95%
Area between 40.00 and 60.00 mins:	1.44 Sq m	-2.32%
Area between 60.00 and 80.00 mins:	4.67 Sq m	-7.49%
Area between 80.00 and 100.00 mins:	3.64 Sq m	-5.84%
Area between 100.00 and 120.00 mins:	14.69 Sq m	-23.56%
Area over 120.00 mins:	6.58 Sq m	-10.55%

Area 2 Main R2/15

Open space area:	196.97 Sq m	
Area between 0.00 and 1.00 mins:	53.76 Sq m	-27.29%
Area between 1.00 and 20.00 mins:	10.04 Sq m	-5.10%
Area between 20.00 and 40.00 mins:	13.67 Sq m	-6.94%
Area between 40.00 and 60.00 mins:	27.61 Sq m	-14.02%
Area between 60.00 and 80.00 mins:	34.61 Sq m	-17.57%
Area between 80.00 and 100.00 mins:	17.40 Sq m	-8.83%
Area between 100.00 and 120.00 mins:	29.96 Sq m	-15.21%
Area over 120.00 mins:	9.93 Sq m	-5.04%

Area 3 East R3/17

Open space area:	44.31 Sq m	
Area between 0.00 and 1.00 mins:	0.79 Sq m	-1.78%
Area between 1.00 and 20.00 mins:	0.37 Sq m	-0.85%
Area between 20.00 and 40.00 mins:	0.53 Sq m	-1.21%
Area between 40.00 and 60.00 mins:	0.55 Sq m	-1.25%
Area between 60.00 and 80.00 mins:	0.50 Sq m	-1.13%
Area between 80.00 and 100.00 mins:	0.48 Sq m	-1.08%
Area between 100.00 and 120.00 mins:	0.47 Sq m	-1.06%
Area over 120.00 mins:	40.61 Sq m	-91.66%

**Sunlight Hours on Ground Study
Proposed Scheme 21/01/21
Barnes House
Proposed Scenario March 21st**

Start Time: Mar 21 3:00 am, End Time: Mar 21 22:00 pm, Solar Sample Interval: 1 min
Solar Angle Cutoff: 10.0 deg, Working Plane: 10.0 mm
Sunlight Sample: 1 min, Grid Size: 200.0 mm

Area 1 West R1/16

Open space area:	62.35 Sq m	671.15 Sq ft
Area between 0.00 and 1.00 mins:	28.44 Sq m	-45.61%
Area between 1.00 and 20.00 mins:	1.68 Sq m	-2.69%
Area between 20.00 and 40.00 mins:	1.21 Sq m	-1.95%
Area between 40.00 and 60.00 mins:	1.44 Sq m	-2.32%
Area between 60.00 and 80.00 mins:	4.67 Sq m	-7.49%
Area between 80.00 and 100.00 mins:	3.64 Sq m	-5.84%
Area between 100.00 and 120.00 mins:	14.69 Sq m	-23.56%
Area over 120.00 mins:	6.58 Sq m	-10.55%

Area 2 Main R2/15

Open space area:	196.97 Sq m	2120.18 Sq ft
Area between 0.00 and 1.00 mins:	53.76 Sq m	-27.29%
Area between 1.00 and 20.00 mins:	10.04 Sq m	-5.10%
Area between 20.00 and 40.00 mins:	13.67 Sq m	-6.94%
Area between 40.00 and 60.00 mins:	27.61 Sq m	-14.02%
Area between 60.00 and 80.00 mins:	34.61 Sq m	-17.57%
Area between 80.00 and 100.00 mins:	17.40 Sq m	-8.83%
Area between 100.00 and 120.00 mins:	29.96 Sq m	-15.21%
Area over 120.00 mins:	9.93 Sq m	-5.04%

Area 3 East R3/17

Open space area:	44.31 Sq m	476.92 Sq ft
Area between 0.00 and 1.00 mins:	0.79 Sq m	-1.78%
Area between 1.00 and 20.00 mins:	0.44 Sq m	-0.99%
Area between 20.00 and 40.00 mins:	0.64 Sq m	-1.44%
Area between 40.00 and 60.00 mins:	0.49 Sq m	-1.10%
Area between 60.00 and 80.00 mins:	0.40 Sq m	-0.90%
Area between 80.00 and 100.00 mins:	0.56 Sq m	-1.27%
Area between 100.00 and 120.00 mins:	0.50 Sq m	-1.13%
Area over 120.00 mins:	40.50 Sq m	-91.40%

Sunlight Hours on Ground Study
Existing Building
Grand Union Walk
Existing Building Scenario March 21st

Start Time: Mar 21 6:00 am, End Time: Mar 21 22:00 pm, Solar Sample Interval: 1 min
Solar Angle Cutoff: 10.0 deg, Working Plane: 10.0 mm
Sunlight Sample: 1 min, Grid Size: 200.0 mm

TIME IN SUN ANALYSIS - R1/13

Open space area:	4.91 Sq m		52.84 Sq ft
Area between 0.00 and 1.00 mins:	0.00 Sq m	0.00%	
Area between 1.00 and 20.00 mins:	0.00 Sq m	0.00%	
Area between 20.00 and 40.00 mins:	0.00 Sq m	0.00%	
Area between 40.00 and 60.00 mins:	0.00 Sq m	0.00%	
Area between 60.00 and 80.00 mins:	0.00 Sq m	0.00%	
Area between 80.00 and 100.00 mins:	0.00 Sq m	0.00%	
Area between 100.00 and 120.00 mins:	0.00 Sq m	0.00%	
Area over 120.00 mins:	4.91 Sq m	-100.00%	

TIME IN SUN ANALYSIS - R2/12

Open space area:	15.78 Sq m		169.81 Sq ft
Area between 0.00 and 1.00 mins:	2.66 Sq m	-16.84%	
Area between 1.00 and 20.00 mins:	0.42 Sq m	-2.65%	
Area between 20.00 and 40.00 mins:	0.09 Sq m	-0.54%	
Area between 40.00 and 60.00 mins:	0.56 Sq m	-3.58%	
Area between 60.00 and 80.00 mins:	0.13 Sq m	-0.81%	
Area between 80.00 and 100.00 mins:	0.48 Sq m	-3.07%	
Area between 100.00 and 120.00 mins:	0.41 Sq m	-2.62%	
Area over 120.00 mins:	11.03 Sq m	-69.89%	

TIME IN SUN ANALYSIS - R3/13

Open space area:	7.20 Sq m		77.46 Sq ft
Area between 0.00 and 1.00 mins:	0.08 Sq m	-1.15%	
Area between 1.00 and 20.00 mins:	0.03 Sq m	-0.48%	
Area between 20.00 and 40.00 mins:	0.07 Sq m	-1.03%	
Area between 40.00 and 60.00 mins:	0.14 Sq m	-2.01%	
Area between 60.00 and 80.00 mins:	0.33 Sq m	-4.54%	
Area between 80.00 and 100.00 mins:	0.56 Sq m	-7.78%	
Area between 100.00 and 120.00 mins:	0.82 Sq m	-11.35%	
Area over 120.00 mins:	5.16 Sq m	-71.66%	

TIME IN SUN ANALYSIS - R4/12

Open space area:	22.60 Sq m		243.31 Sq ft
Area between 0.00 and 1.00 mins:	3.02 Sq m	-13.36%	
Area between 1.00 and 20.00 mins:	1.01 Sq m	-4.47%	
Area between 20.00 and 40.00 mins:	0.55 Sq m	-2.44%	
Area between 40.00 and 60.00 mins:	0.89 Sq m	-3.96%	
Area between 60.00 and 80.00 mins:	0.88 Sq m	-3.89%	
Area between 80.00 and 100.00 mins:	1.21 Sq m	-5.34%	
Area between 100.00 and 120.00 mins:	0.88 Sq m	-3.91%	
Area over 120.00 mins:	14.16 Sq m	-62.63%	

TIME IN SUN ANALYSIS - R5/13

Open space area:	6.96 Sq m		74.90 Sq ft
Area between 0.00 and 1.00 mins:	0.38 Sq m	-5.45%	
Area between 1.00 and 20.00 mins:	0.08 Sq m	-1.17%	
Area between 20.00 and 40.00 mins:	0.18 Sq m	-2.58%	
Area between 40.00 and 60.00 mins:	0.11 Sq m	-1.55%	
Area between 60.00 and 80.00 mins:	0.27 Sq m	-3.81%	
Area between 80.00 and 100.00 mins:	0.49 Sq m	-7.07%	
Area between 100.00 and 120.00 mins:	0.02 Sq m	-0.34%	
Area over 120.00 mins:	5.43 Sq m	-78.03%	

TIME IN SUN ANALYSIS - R6/12

Open space area:	22.44 Sq m		241.54 Sq ft
Area between 0.00 and 1.00 mins:	3.32 Sq m	-14.81%	
Area between 1.00 and 20.00 mins:	1.28 Sq m	-5.72%	
Area between 20.00 and 40.00 mins:	0.80 Sq m	-3.58%	
Area between 40.00 and 60.00 mins:	1.01 Sq m	-4.48%	
Area between 60.00 and 80.00 mins:	1.30 Sq m	-5.81%	
Area between 80.00 and 100.00 mins:	0.85 Sq m	-3.80%	
Area between 100.00 and 120.00 mins:	1.09 Sq m	-4.87%	
Area over 120.00 mins:	12.77 Sq m	-56.92%	

TIME IN SUN ANALYSIS - R7/13

Open space area:	7.21 Sq m		77.58 Sq ft
Area between 0.00 and 1.00 mins:	0.00 Sq m	0.00%	
Area between 1.00 and 20.00 mins:	0.00 Sq m	0.00%	
Area between 20.00 and 40.00 mins:	0.00 Sq m	0.00%	
Area between 40.00 and 60.00 mins:	0.00 Sq m	0.00%	
Area between 60.00 and 80.00 mins:	0.00 Sq m	0.00%	
Area between 80.00 and 100.00 mins:	0.00 Sq m	0.00%	
Area between 100.00 and 120.00 mins:	0.00 Sq m	0.00%	
Area over 120.00 mins:	7.21 Sq m	-100.00%	

TIME IN SUN ANALYSIS - R8/12

Open space area:	23.98 Sq m		258.11 Sq ft
Area between 0.00 and 1.00 mins:	3.54 Sq m	-14.75%	
Area between 1.00 and 20.00 mins:	0.94 Sq m	-3.93%	

Sunlight Hours on Ground Study
Proposed Scheme 22/01/21
Grand Union Walk
Proposed Scenario March 21st

Start Time: Mar 21 6:00 am, End Time: Mar 21 22:00 pm, Solar Sample Interval: 1 min
Solar Angle Cutoff: 10.0 deg, Working Plane: 10.0 mm
Sunlight Sample: 1 min, Grid Size: 200.0 mm

TIME IN SUN ANALYSIS - R1/13

Open space area:	4.91 Sq m		52.84 Sq ft
Area between 0.00 and 1.00 mins:	0.00 Sq m	0.00%	
Area between 1.00 and 20.00 mins:	0.00 Sq m	0.00%	
Area between 20.00 and 40.00 mins:	0.00 Sq m	0.00%	
Area between 40.00 and 60.00 mins:	0.00 Sq m	0.00%	
Area between 60.00 and 80.00 mins:	0.00 Sq m	0.00%	
Area between 80.00 and 100.00 mins:	0.00 Sq m	0.00%	
Area between 100.00 and 120.00 mins:	0.00 Sq m	0.00%	
Area over 120.00 mins:	4.91 Sq m	-100.00%	

TIME IN SUN ANALYSIS - R2/12

Open space area:	15.78 Sq m		169.81 Sq ft
Area between 0.00 and 1.00 mins:	2.66 Sq m	-16.84%	
Area between 1.00 and 20.00 mins:	0.42 Sq m	-2.65%	
Area between 20.00 and 40.00 mins:	0.09 Sq m	-0.54%	
Area between 40.00 and 60.00 mins:	0.56 Sq m	-3.58%	
Area between 60.00 and 80.00 mins:	0.13 Sq m	-0.81%	
Area between 80.00 and 100.00 mins:	0.48 Sq m	-3.07%	
Area between 100.00 and 120.00 mins:	0.41 Sq m	-2.62%	
Area over 120.00 mins:	11.03 Sq m	-69.89%	

TIME IN SUN ANALYSIS - R3/13

Open space area:	7.20 Sq m		77.46 Sq ft
Area between 0.00 and 1.00 mins:	0.08 Sq m	-1.15%	
Area between 1.00 and 20.00 mins:	0.03 Sq m	-0.48%	
Area between 20.00 and 40.00 mins:	0.07 Sq m	-1.03%	
Area between 40.00 and 60.00 mins:	0.14 Sq m	-2.01%	
Area between 60.00 and 80.00 mins:	0.33 Sq m	-4.54%	
Area between 80.00 and 100.00 mins:	0.56 Sq m	-7.78%	
Area between 100.00 and 120.00 mins:	0.82 Sq m	-11.35%	
Area over 120.00 mins:	5.16 Sq m	-71.66%	

TIME IN SUN ANALYSIS - R4/12

Open space area:	22.60 Sq m		243.31 Sq ft
Area between 0.00 and 1.00 mins:	3.10 Sq m	-13.73%	
Area between 1.00 and 20.00 mins:	1.03 Sq m	-4.56%	
Area between 20.00 and 40.00 mins:	0.65 Sq m	-2.86%	
Area between 40.00 and 60.00 mins:	0.87 Sq m	-3.84%	
Area between 60.00 and 80.00 mins:	0.97 Sq m	-4.31%	
Area between 80.00 and 100.00 mins:	1.27 Sq m	-5.60%	
Area between 100.00 and 120.00 mins:	0.95 Sq m	-4.20%	
Area over 120.00 mins:	13.77 Sq m	-60.91%	

TIME IN SUN ANALYSIS - R5/13

Open space area:	6.96 Sq m		74.90 Sq ft
Area between 0.00 and 1.00 mins:	0.38 Sq m	-5.45%	
Area between 1.00 and 20.00 mins:	0.08 Sq m	-1.17%	
Area between 20.00 and 40.00 mins:	0.18 Sq m	-2.58%	
Area between 40.00 and 60.00 mins:	0.20 Sq m	-2.80%	
Area between 60.00 and 80.00 mins:	0.29 Sq m	-4.20%	
Area between 80.00 and 100.00 mins:	0.47 Sq m	-6.70%	
Area between 100.00 and 120.00 mins:	0.07 Sq m	-1.00%	
Area over 120.00 mins:	5.29 Sq m	-76.09%	

TIME IN SUN ANALYSIS - R6/12

Open space area:	22.44 Sq m		241.54 Sq ft
Area between 0.00 and 1.00 mins:	3.32 Sq m	-14.81%	
Area between 1.00 and 20.00 mins:	1.30 Sq m	-5.77%	
Area between 20.00 and 40.00 mins:	0.87 Sq m	-3.89%	
Area between 40.00 and 60.00 mins:	1.17 Sq m	-5.21%	
Area between 60.00 and 80.00 mins:	1.65 Sq m	-7.35%	
Area between 80.00 and 100.00 mins:	0.84 Sq m	-3.72%	
Area between 100.00 and 120.00 mins:	0.93 Sq m	-4.14%	
Area over 120.00 mins:	12.37 Sq m	-55.12%	

TIME IN SUN ANALYSIS - R7/13

Open space area:	7.21 Sq m		77.58 Sq ft
Area between 0.00 and 1.00 mins:	0.00 Sq m	0.00%	
Area between 1.00 and 20.00 mins:	0.00 Sq m	0.00%	
Area between 20.00 and 40.00 mins:	0.00 Sq m	0.00%	
Area between 40.00 and 60.00 mins:	0.00 Sq m	0.00%	
Area between 60.00 and 80.00 mins:	0.00 Sq m	0.00%	
Area between 80.00 and 100.00 mins:	0.00 Sq m	0.00%	
Area between 100.00 and 120.00 mins:	0.14 Sq m	-1.91%	
Area over 120.00 mins:	7.07 Sq m	-98.09%	

TIME IN SUN ANALYSIS - R8/12

Open space area:	23.98 Sq m		258.11 Sq ft
Area between 0.00 and 1.00 mins:	3.54 Sq m	-14.75%	
Area between 1.00 and 20.00 mins:	1.05 Sq m	-4.37%	

