



DAYLIGHT ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss

R1/121		W1/121	5.62	5.62	0.00	0.00
R1/122		W1/122	11.53	11.49	0.04	0.35
R1/131	WC	W1/131	5.80	5.75	0.05	0.86
R1/132	STAIRS	W1/132	8.72	8.74	-0.02	-0.23

37 Great Queen Street

R3/151	UNKNOWN	W3/151	8.15	8.17	-0.02	-0.25
R3/151	UNKNOWN	W4/151	8.06	8.02	0.04	0.50
R3/152	BEDROOM	W3/152	11.82	11.88	-0.06	-0.51
R3/152	BEDROOM	W4/152	11.91	11.89	0.02	0.17
R1/153		W1/153	6.25	6.35	-0.10	-1.60
R2/153	UNKNOWN	W2/153	14.43	14.57	-0.14	-0.97
R3/153	UNKNOWN	W3/153	17.38	17.52	-0.14	-0.81
R3/153	UNKNOWN	W4/153	17.02	17.08	-0.06	-0.35

12-18 Parker Street, Market House

R1/250	ASSUMED	W1/250	5.73	6.86	-1.13	-19.72
R1/250	ASSUMED	W2/250	8.77	8.77	0.00	0.00
R1/250	ASSUMED	W3/250	6.52	6.52	0.00	0.00
R2/250	ASSUMED	W4/250	9.51	9.60	-0.09	-0.95
R3/250	ASSUMED	W5/250	7.42	7.42	0.00	0.00
R1/251	BEDROOM	W1/251	12.88	13.22	-0.34	-2.64
R1/251	BEDROOM	W2/251	14.63	15.14	-0.51	-3.49
R2/251	ASSUMED	W3/251	13.33	13.33	0.00	0.00
R3/251	ASSUMED	W4/251	13.30	13.40	-0.10	-0.75



DAYLIGHT ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

DAYLIGHT						
Room	Room Use	Window	Existing VSC	Proposed VSC	Loss	%Loss
R1/252	ASSUMED	W1/252	18.72	20.44	-1.72	-9.19
R1/252	ASSUMED	W2/252	12.50	12.50	0.00	0.00
R2/252	ASSUMED	W3/252	9.32	9.32	0.00	0.00
R3/252	ASSUMED	W4/252	19.39	19.38	0.01	0.05
R1/253	ASSUMED	W1/253	22.22	22.87	-0.65	-2.93
R1/253	ASSUMED	W2/253	25.97	26.24	-0.27	-1.04
R2/253	ASSUMED	W3/253	26.52	26.65	-0.13	-0.49
R3/253	ASSUMED	W4/253	27.47	27.51	-0.04	-0.15
R1/254	LKD	W1/254	24.13	23.60	0.53	2.20
R1/254	LKD	W2/254	17.97	18.17	-0.20	-1.11
R1/254	LKD	W3/254	18.57	18.62	-0.05	-0.27
R1/254	LKD	W4/254	19.56	19.56	0.00	0.00
R1/254	LKD	W5/254	30.77	30.65	0.12	0.39
R1/254	LKD	W6/254	11.43	10.99	0.44	3.85
R2/254	ASSUMED	W7/254	31.27	31.23	0.04	0.13
R1/255	BEDROOM	W1/255	22.12	23.68	-1.56	-7.05
R1/255	BEDROOM	W2/255	33.59	33.46	0.13	0.39
R1/300		W1/300	4.76	4.85	-0.09	-1.89
R1/301		W1/301	6.10	6.14	-0.04	-0.66
R1/302		W1/302	9.23	9.26	-0.03	-0.33
R1/303		W1/303	13.45	13.45	0.00	0.00
R1/304		W1/304	15.84	15.71	0.13	0.82



NSL ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

Room	Room Use	Whole Room sq ft	NSL		Loss sq ft	%Loss
			Existing sq ft	Proposed sq ft		

159 Drury Lane

R1/11	ASSUMED	187.0	122.9	122.5	0.3	0.2
R2/11	ASSUMED	221.2	141.3	140.5	0.8	0.6
R1/12	ASSUMED	123.4	110.9	109.6	1.2	1.1
R2/12	ASSUMED	166.2	121.8	121.4	0.4	0.3
R1/13	ASSUMED	84.3	64.3	64.5	-0.2	-0.3
R2/13	ASSUMED	145.5	106.1	104.5	1.6	1.5
R1/14	ASSUMED_TW	103.6	101.1	101.1	0.0	0.0
R2/14	ASSUMED	78.5	67.9	68.3	-0.4	-0.6
R3/14	ASSUMED	94.0	91.4	90.6	0.7	0.8

40 Great Queen Street

R1/70	ASSUMED	23.8	2.0	1.4	0.5	25.0
R2/70	ASSUMED	123.2	7.8	6.4	1.3	16.7
R1/71	ASSUMED	236.6	84.3	81.3	3.0	3.6
R1/72	ASSUMED	161.6	74.8	76.2	-1.4	-1.9
R2/72	ASSUMED	42.8	20.9	20.9	0.0	0.0

39 Great Queen Street

R1/101	ASSUMED	38.8	32.3	32.3	0.0	0.0
R2/101	ASSUMED_ROL?	107.4	50.0	48.8	1.2	2.4
R1/102	ASSUMED	50.5	49.4	49.4	0.0	0.0
R2/102	ASSUMED	105.4	49.5	48.7	0.8	1.6
R1/103	ASSUMED	84.6	76.7	77.7	-0.9	-1.2
R1/104		215.7	196.9	197.2	-0.2	-0.1

38 Great Queen Street

R1/121		128.6	38.4	38.4	0.0	0.0
R1/122		128.6	56.1	56.1	0.0	0.0
R1/131	WC	24.4	16.2	16.2	0.0	0.0
R1/132	STAIRS	72.2	41.3	41.3	0.0	0.0

37 Great Queen Street

R3/151	UNKNOWN	141.2	35.8	34.9	0.9	2.5
R3/152	BEDROOM	142.9	59.0	59.9	-0.9	-1.5
R1/153		34.4	12.5	12.5	0.0	0.0



NSL ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

Room	Room Use	Whole Room sq ft	NSL		Loss sq ft	%Loss
			Existing sq ft	Proposed sq ft		
R2/153	UNKNOWN	20.3	17.6	17.6	0.0	0.0
R3/153	UNKNOWN	142.9	59.0	59.3	-0.4	-0.7

12-18 Parker Street, Market House

R1/250	ASSUMED	305.7	107.6	106.2	1.4	1.3
R2/250	ASSUMED	129.1	45.3	45.3	0.0	0.0
R3/250	ASSUMED	142.1	52.3	52.3	0.0	0.0
R1/251	BEDROOM	227.9	150.9	151.5	-0.6	-0.4
R2/251	ASSUMED	97.7	79.3	79.3	0.0	0.0
R3/251	ASSUMED	142.1	53.5	53.5	0.0	0.0
R1/252	ASSUMED	174.1	157.2	157.7	-0.5	-0.3
R2/252	ASSUMED	87.8	79.4	79.4	0.0	0.0
R3/252	ASSUMED	153.9	136.6	136.6	0.0	0.0
R1/253	ASSUMED	217.5	208.2	210.7	-2.5	-1.2
R2/253	ASSUMED	90.5	89.2	89.2	0.0	0.0
R3/253	ASSUMED	153.9	152.9	152.9	0.0	0.0
R1/254	LKD	553.4	521.5	521.3	0.2	0.0
R2/254	ASSUMED	133.5	126.2	126.2	0.0	0.0
R1/255	BEDROOM	300.7	283.0	284.4	-1.4	-0.5
R1/300		73.7	41.8	42.2	-0.4	-1.0
R1/301		62.7	32.0	32.0	0.0	0.0
R1/302		62.7	42.5	42.5	0.0	0.0
R1/303		62.7	50.4	50.4	0.0	0.0
R1/304		62.7	27.7	26.4	1.2	4.3



SUNLIGHT ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		

159 Drury Lane

R1/11	W1/11	ASSUMED	0	0	0	0	-	-						
R1/11	W2/11	ASSUMED	0	0	0	0	-	-						
R1/11	W3/11	ASSUMED	0	0	0	0	-	-						
R1/11	W4/11	ASSUMED	0	0	0	0	-	-						
R1/11	W5/11	ASSUMED	0	0	0	0	-	-						
R1/11	W6/11	ASSUMED	0	0	0	0	-	-	0	0	0	0	-	-
R2/11	W7/11	ASSUMED	0	0	0	0	-	-						
R2/11	W8/11	ASSUMED	0	0	0	0	-	-						
R2/11	W9/11	ASSUMED	0	0	0	0	-	-						
R2/11	W10/11	ASSUMED	0	0	0	0	-	-						
R2/11	W11/11	ASSUMED	0	0	0	0	-	-						
R2/11	W12/11	ASSUMED	0	0	0	0	-	-	0	0	0	0	-	-
R1/14	W1/14	ASSUMED_TW	0	0	0	0	-	-						
R1/14	W2/14	ASSUMED_TW	22	64	22	64	0.0	0.0	22	64	22	64	0.0	0.0

39 Great Queen Street

R1/104	W1/104		7	23	7	24	0.0	-4.3
R1/104	W2/104		9	25	9	26	0.0	-4.0
R1/104	W18/104		0	1	0	1	-	0.0
R1/104	W19/104		0	4	0	4	-	0.0
R1/104	W20/104		0	8	0	8	-	0.0



SUNLIGHT ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/104	W21/104		0	21	0	22	-	-4.8						
R1/104	W22/104		1	25	1	26	0.0	-4.0						
R1/104	W23/104		1	31	1	32	0.0	-3.2						
R1/104	W24/104		1	36	1	36	0.0	0.0	10	48	10	48	0.0	0.0

12-18 Parker Street, Market House

R1/250	W1/250	ASSUMED	0	1	0	2	-	-100.0						
R1/250	W2/250	ASSUMED	0	15	0	14	-	6.7						
R1/250	W3/250	ASSUMED	0	0	0	0	-	-	0	15	0	15	-	0.0
R2/250	W4/250	ASSUMED	0	15	0	16	-	-6.7	0	15	0	16	-	-6.7
R3/250	W5/250	ASSUMED	0	12	0	12	-	0.0	0	12	0	12	-	0.0
R1/251	W1/251	BEDROOM	0	13	0	14	-	-7.7						
R1/251	W2/251	BEDROOM	0	18	0	23	-	-27.8	0	21	0	26	-	-23.8
R2/251	W3/251	ASSUMED	1	19	1	19	0.0	0.0	1	19	1	19	0.0	0.0
R3/251	W4/251	ASSUMED	1	22	1	22	0.0	0.0	1	22	1	22	0.0	0.0
R1/252	W1/252	ASSUMED	1	24	4	36	-300.0	-50.0						
R1/252	W2/252	ASSUMED	3	23	3	23	0.0	0.0	3	29	6	41	-100.0	-41.4
R2/252	W3/252	ASSUMED	4	20	4	20	0.0	0.0	4	20	4	20	0.0	0.0



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160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R3/252	W4/252	ASSUMED	5	33	5	33	0.0	0.0	5	33	5	33	0.0	0.0
R1/253	W1/253	ASSUMED	3	29	3	32	0.0	-10.3						
R1/253	W2/253	ASSUMED	7	42	7	42	0.0	0.0	8	45	8	45	0.0	0.0
R2/253	W3/253	ASSUMED	8	45	8	45	0.0	0.0	8	45	8	45	0.0	0.0
R3/253	W4/253	ASSUMED	13	51	13	50	0.0	2.0	13	51	13	50	0.0	2.0
R1/254	W1/254	LKD	6	37	6	36	0.0	2.7						
R1/254	W2/254	LKD	2	13	2	13	0.0	0.0						
R1/254	W3/254	LKD	3	18	4	20	-33.3	-11.1						
R1/254	W4/254	LKD	3	17	3	17	0.0	0.0						
R1/254	W5/254	LKD	13	56	12	54	7.7	3.6						
R1/254	W6/254	LKD	8	31	8	30	0.0	3.2	19	80	18	78	5.3	2.5
R2/254	W7/254	ASSUMED	16	58	14	56	12.5	3.4	16	58	14	56	12.5	3.4
R1/255	W1/255	BEDROOM	12	52	12	54	0.0	-3.8						
R1/255	W2/255	BEDROOM	19	63	18	62	5.3	1.6	21	80	20	81	4.8	-1.3
R1/300	W1/300		2	11	2	11	0.0	0.0	2	11	2	11	0.0	0.0
R1/301	W1/301		1	14	1	14	0.0	0.0	1	14	1	14	0.0	0.0



SUNLIGHT ANALYSIS

160-161 Drury Lane

CONSENTED SCHEME DATE 11/01/19 vs PROPOSED SCHEME DATE 03/05/23

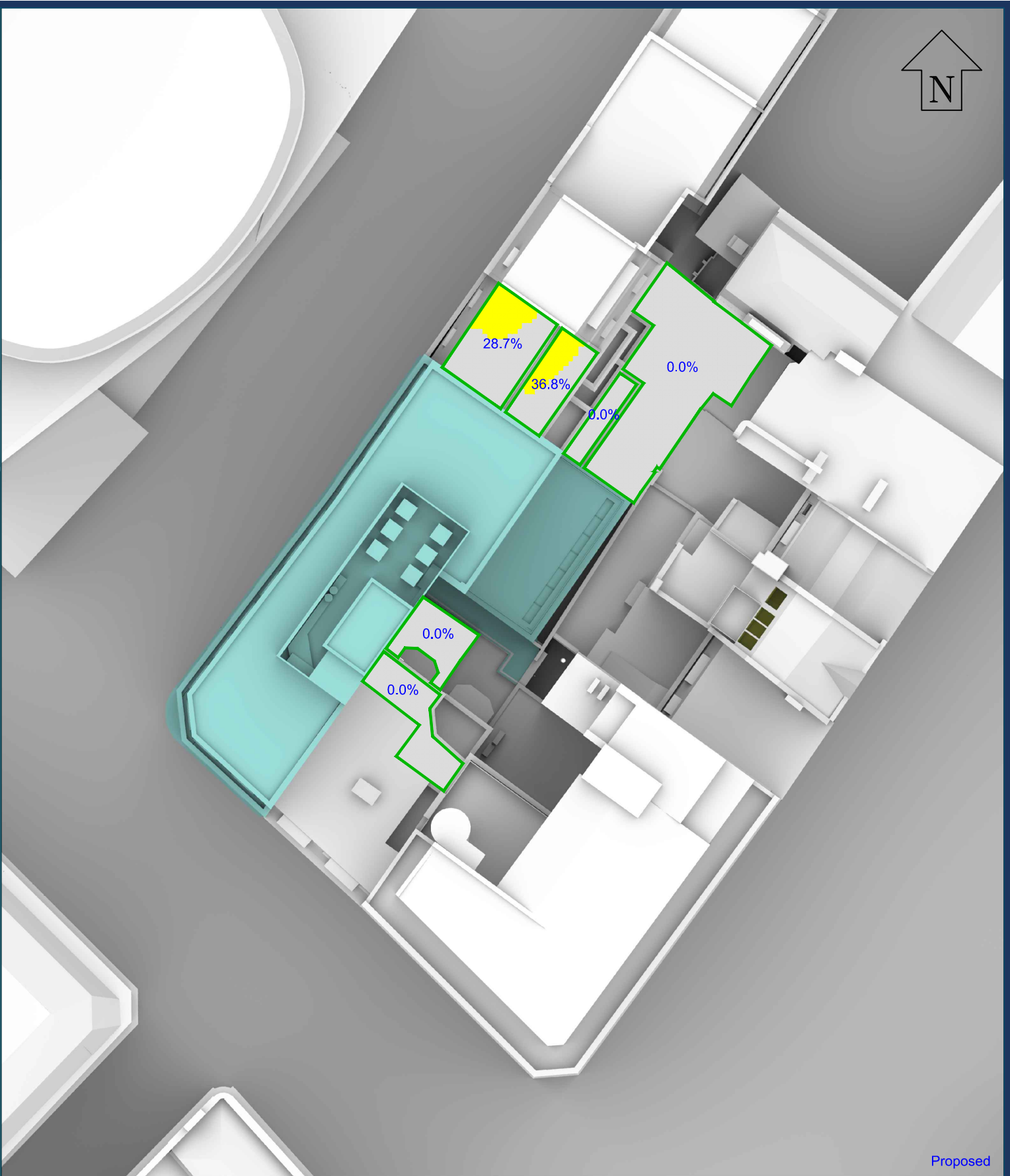
APSH

Room	Window	Room Use	Window				Winter %Loss	Annual %Loss	Room				Winter %Loss	Annual %Loss
			Existing		Proposed				Existing		Proposed			
			Winter APSH	Annual APSH	Winter APSH	Annual APSH			Winter APSH	Annual APSH	Winter APSH	Annual APSH		
R1/302	W1/302		4	22	4	22	0.0	0.0	4	22	4	22	0.0	0.0
R1/303	W1/303		11	36	11	36	0.0	0.0	11	36	11	36	0.0	0.0
R1/304	W1/304		17	42	17	42	0.0	0.0	17	42	17	42	0.0	0.0

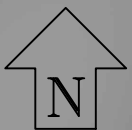
Appendix 3: Sun on Ground Results



Existing



Proposed



Sources: Point 2 Surveyors
Laser Scan Survey

Ian Chalk Architects
2D Drawings (received 11/01/19)
1468_(00)199.dwg - 1468_(00)208.dwg
1468_(00)230.dwg - 1468_(00)233.dwg
1468_(00)260.dwg - 1468_(00)262.dwg

Ben Adams Architects
3d Model (received 16/03/23)
22-034-Model-prop 16.03.23.dwg
Roof Plan (received 16/03/23)
20034-A206.dwg, 20034-A207.dwg
Plans (Received 21/03/23)
20034-A501.pdf, 20034-A501.dwg, 20034-A502.pdf, 20034-A502.dwg

Key:

- Area analysed
- Area with more than 2 hours of direct sunlight
- Area with less than 2 hours of direct sunlight

50% Percentage of area with more than 2 hours of direct sunlight

Scheme Confirmed: --

Date: --

Project: 160-161 Drury Lane
London

Drawn By:
DB

Scale:
1:300 @ A3

Date:
May 23

Title: 2 Hours in Sun Test - 21st March
Proposed Scheme Received 03/05/23

Dwg No:
P2921/SHA/01

Rel:
05





Existing



Proposed



Sources: Point 2 Surveyors
Laser Scan Survey

Ian Chalk Architects
2D Drawings (received 11/01/19)
1468_(00)199.dwg - 1468_(00)208.dwg
1468_(00)230.dwg - 1468_(00)233.dwg
1468_(00)260.dwg - 1468_(00)262.dwg

Ben Adams Architects
3d Model (received 16/03/23)
22-034-Model-prop 16.03.23.dwg
Roof Plan (received 16/03/23)
20034-A206.dwg, 20034-A207.dwg
Plans (Received 21/03/23)
20034-A501.pdf, 20034-A501.dwg, 20034-A502.pdf, 20034-A502.dwg

Key:

- Area analysed
- Area with more than 2 hours of direct sunlight
- Area with less than 2 hours of direct sunlight
- 50% Percentage of area with more than 2 hours of direct sunlight

Scheme Confirmed: --

Date: --

Project: 160-161 Drury Lane
London

Drawn By: DB

Scale: 1:300 @ A3

Date: May 23

Title: 2 Hours in Sun Test - 21st June
Proposed Scheme Received 03/05/23

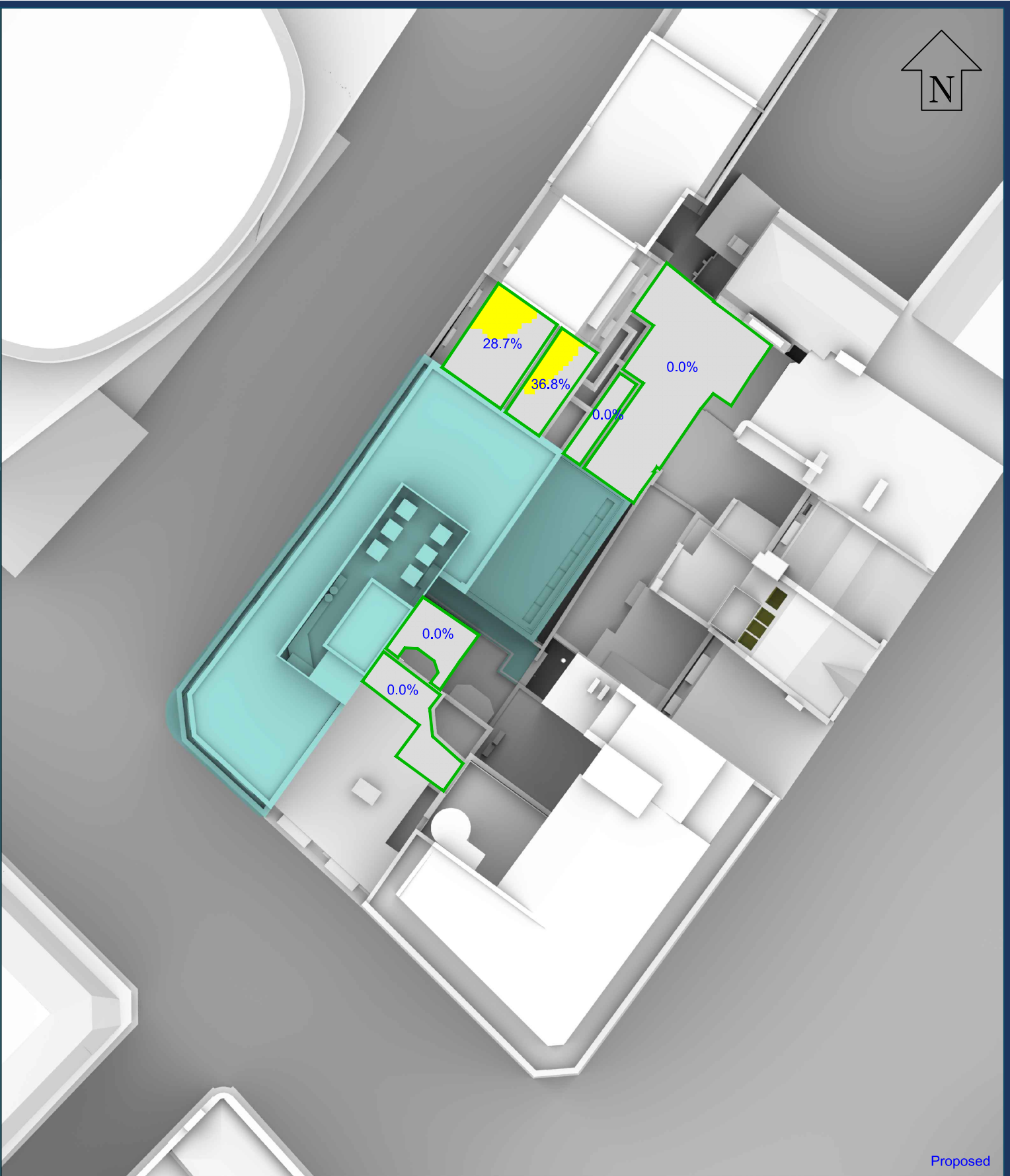
Dwg No: P2921/SHA/02

Rel: 05





Consented



Proposed

Sources: Point 2 Surveyors
Laser Scan Survey

Ian Chalk Architects
2D Drawings (received 11/01/19)
1468_(00)199.dwg - 1468_(00)208.dwg
1468_(00)230.dwg - 1468_(00)233.dwg
1468_(00)260.dwg - 1468_(00)262.dwg

Ben Adams Architects
3d Model (received 16/03/23)
22-034-Model-prop 16.03.23.dwg
Roof Plan (received 16/03/23)
20034-A206.dwg, 20034-A207.dwg
Plans (Received 21/03/23)
20034-A501.pdf, 20034-A501.dwg, 20034-A502.pdf, 20034-A502.dwg

Key:

- Area analysed
- Area with more than 2 hours of direct sunlight
- Area with less than 2 hours of direct sunlight

50% Percentage of area with more than 2 hours of direct sunlight

Scheme Confirmed: --	Date: --
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Project: 160-161 Drury Lane
London

Drawn By: DB	Scale: 1:300 @ A3
Date: May 23	

Title: 2 Hours in Sun Test - 21st March
Consented Scheme Received 11/01/19
Proposed Scheme Received 03/05/23

Dwg No: P2921/SHA/03	Rel: 05
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Consented



Proposed

Sources: Point 2 Surveyors
Laser Scan Survey

Ian Chalk Architects
2D Drawings (received 11/01/19)
1468_(00)199.dwg - 1468_(00)208.dwg
1468_(00)230.dwg - 1468_(00)233.dwg
1468_(00)260.dwg - 1468_(00)262.dwg

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20034-A206.dwg, 20034-A207.dwg
Plans (Received 21/03/23)
20034-A501.pdf, 20034-A501.dwg, 20034-A502.pdf, 20034-A502.dwg

Key:	
	Area analysed
	Area with more than 2 hours of direct sunlight
	Area with less than 2 hours of direct sunlight
50%	Percentage of area with more than 2 hours of direct sunlight
Scheme Confirmed:	--
Date:	--

Project: 160-161 Drury Lane London	
Drawn By:	DB
Scale:	1:300 @ A3
Date:	May 23

Title: 2 Hours in Sun Test - 21st June Consented Scheme Received 11/01/19 Proposed Scheme Received 03/05/23	
Dwg No:	P2921/SHA/04
Rel:	05



