

OVERSHADOWING ASSESSMENT - PRIVATE AMENITIES - PROPOSED SCENARIO
 SUN EXPOSURE ON GROUND - 21ST MARCH (SPRING EQUINOX)

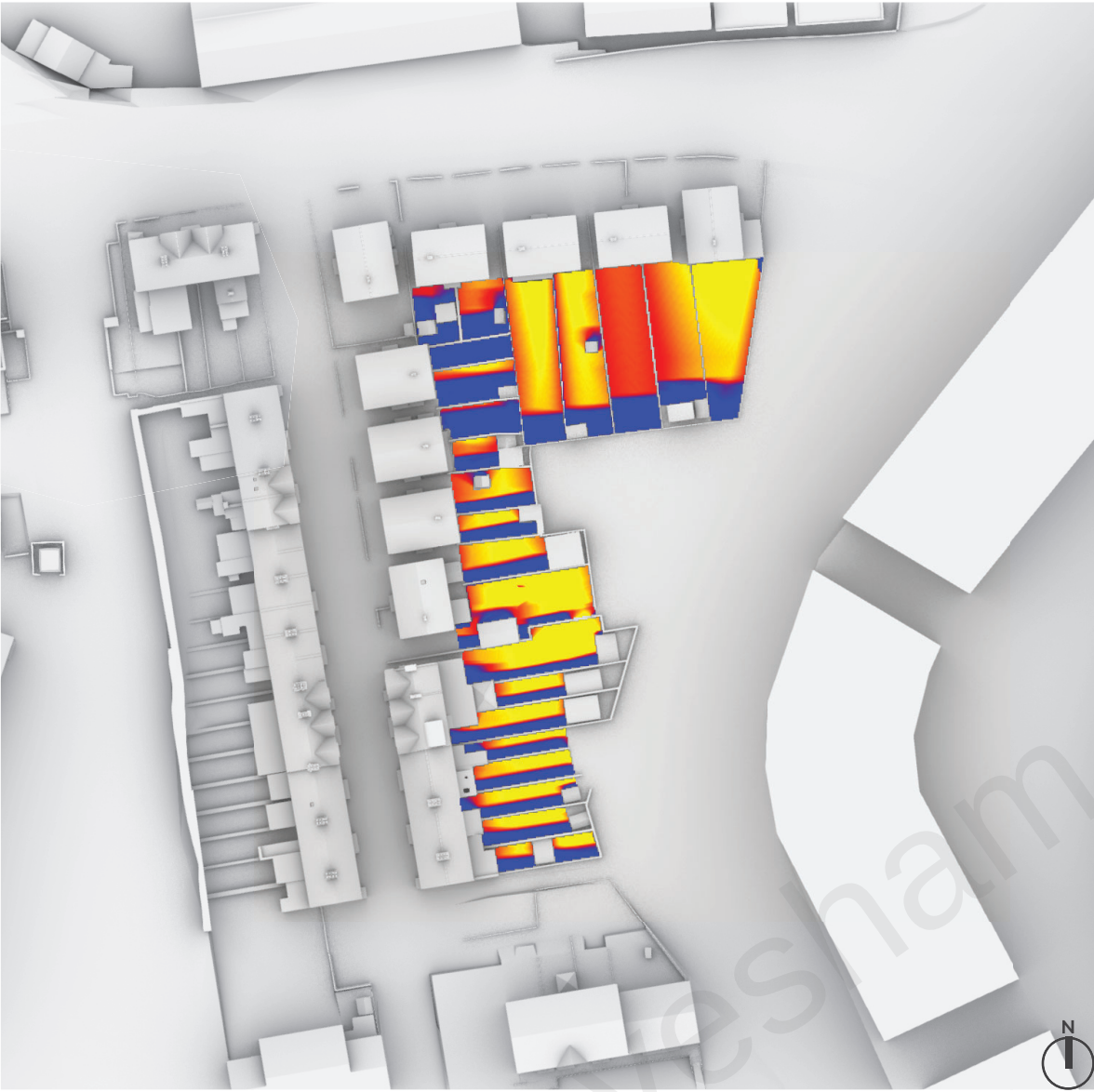
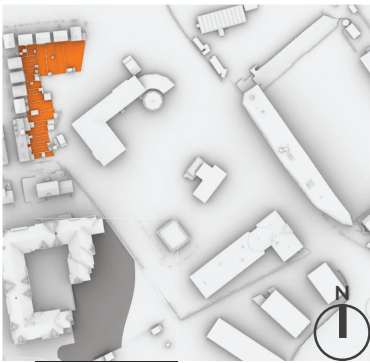


Fig. 09: Sun Exposure - Proposed Scenario



OVERSHADOWING ASSESSMENT - PRIVATE AMENITIES - EXISTING SCENARIO
 SUN EXPOSURE ON GROUND - 21ST JUNE (SUMMER SOLSTICE)

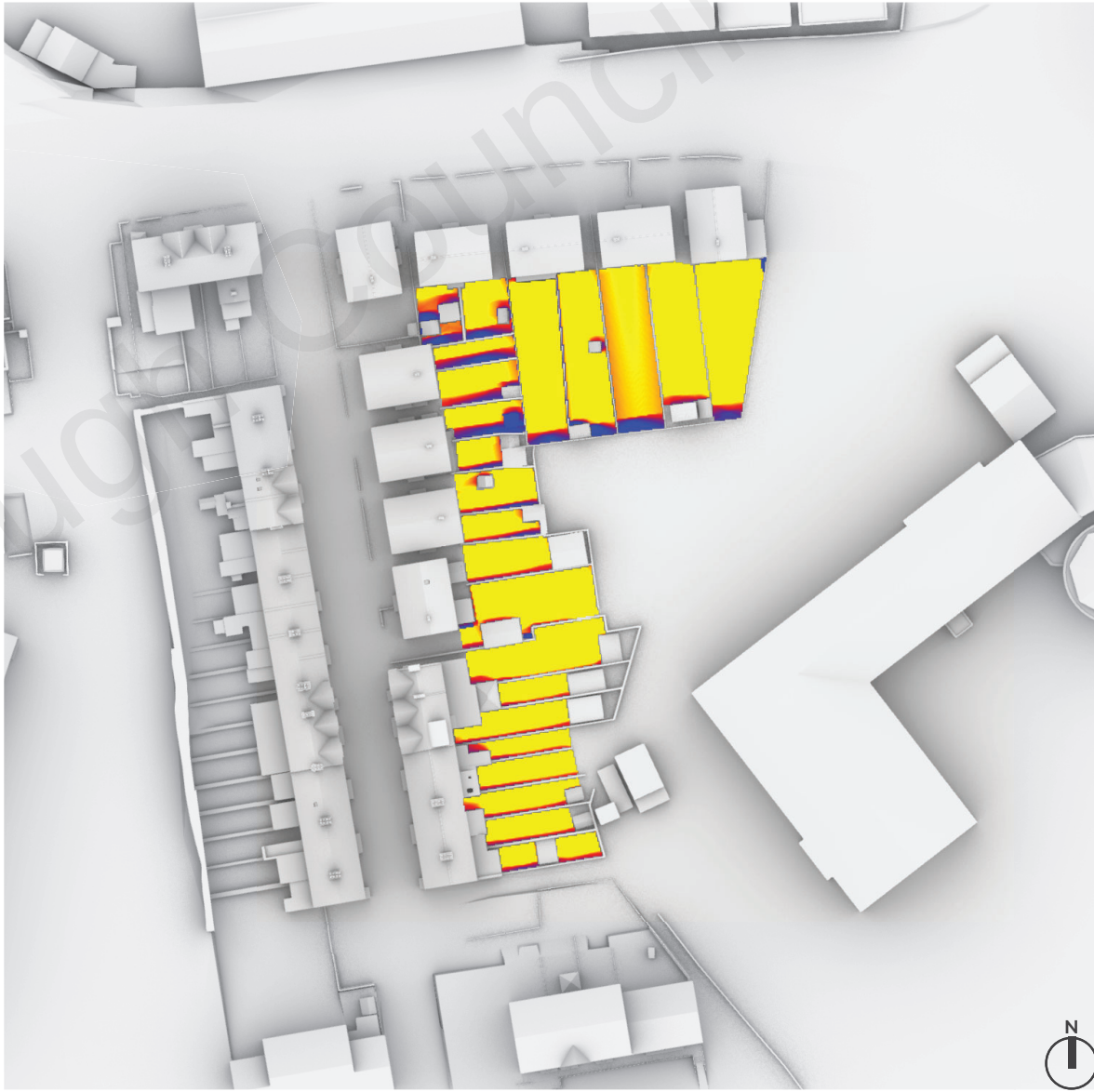
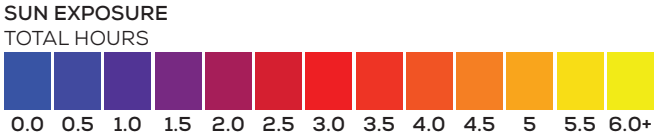


Fig. 10: Sun Exposure - Existing



**21ST JUNE
(SUMMER SOLSTICE)**

LONDON
 Latitude: 51.4
 Longitude: 0.0
 Sunrise: 04:43 BST
 Sunset: 21:21 BST

**Total Available Sunlight:
 16hrs 38mins**

OVERSHADOWING ASSESSMENT - PRIVATE AMENITIES - PROPOSED SCENARIO
 SUN EXPOSURE ON GROUND - 21ST JUNE (SUMMER SOLSTICE)

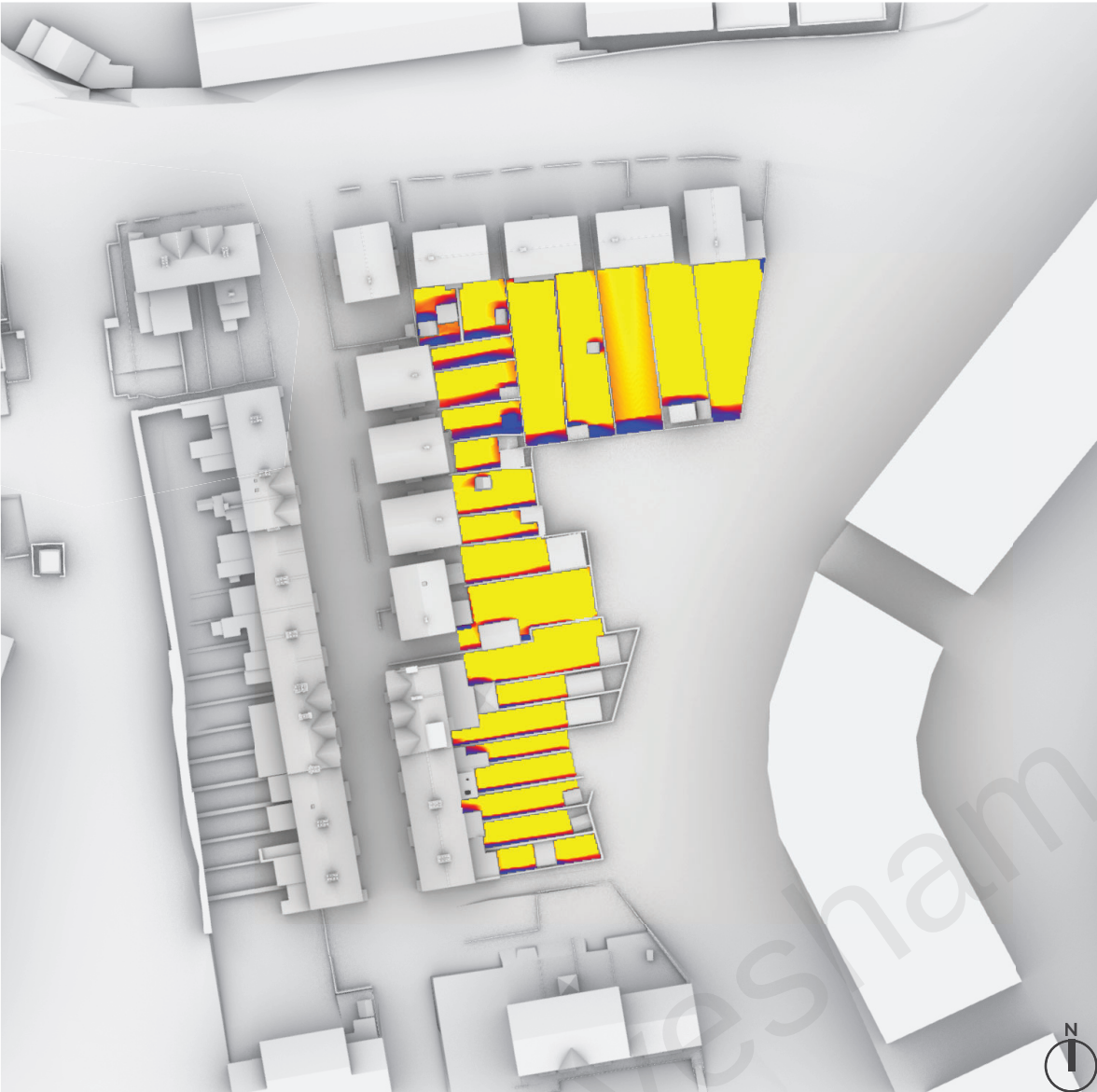


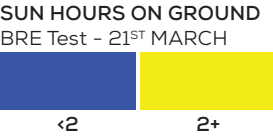
Fig. 11: Sun Exposure - Proposed Scenario



OVERSHADOWING ASSESSMENT - PUBLIC OPEN SPACES - EXISTING SCENARIO
 SUN HOURS ON GROUND - BRE TEST - 21ST MARCH



Fig. 12: BRE Test - Existing



OVERSHADOWING ASSESSMENT - PUBLIC OPEN SPACES - PROPOSED SCENARIO
 SUN HOURS ON GROUND - BRE TEST - 21ST MARCH

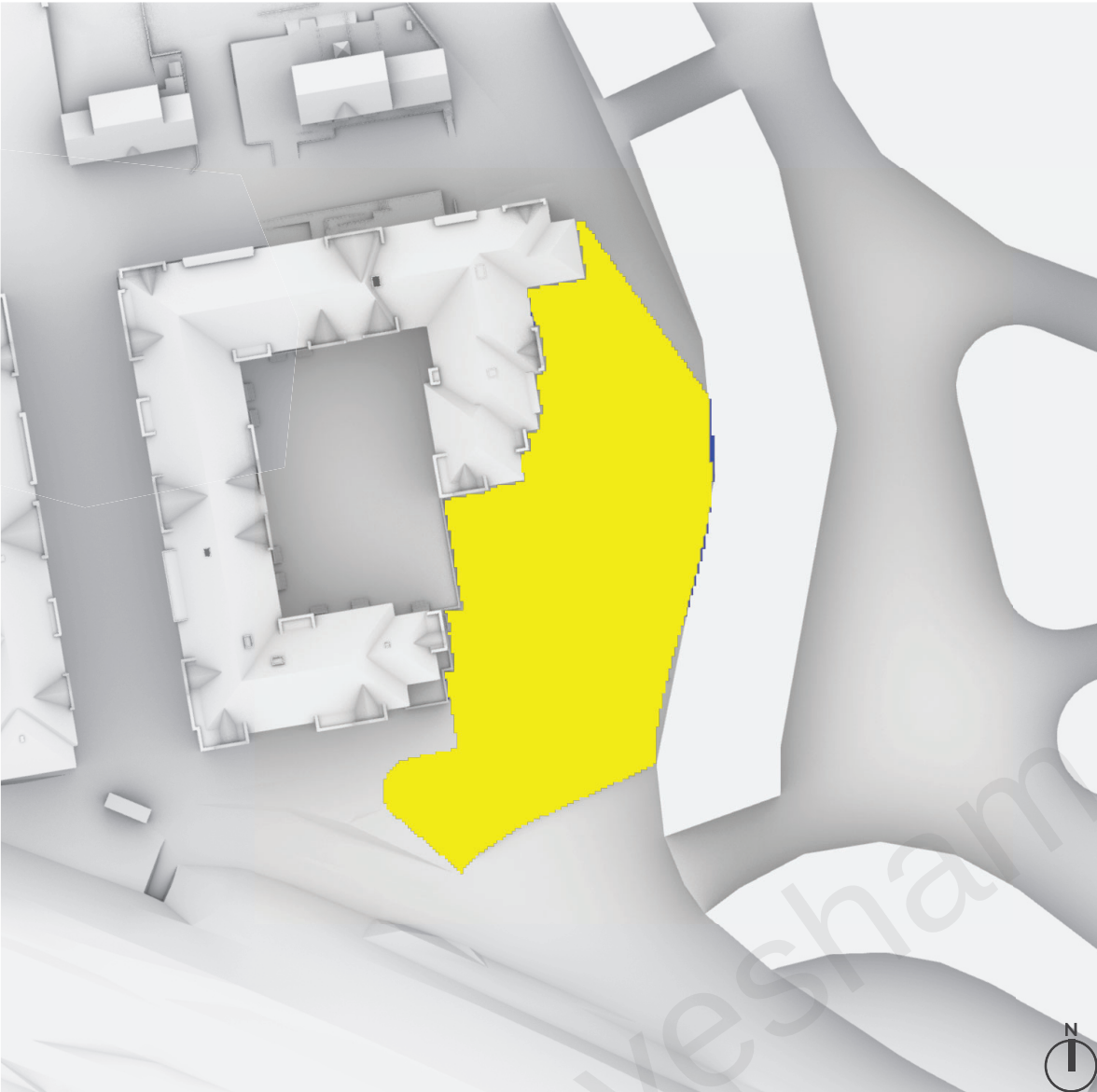


Fig. 13: BRE Test - Proposed Scenario

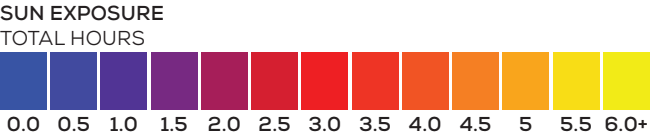
AREA	% Area seeing 2+ hrs of sunlight on 21/03			
	Name	EX	PROP	BAS v. PROP % LOSS
25	Black Eagle Drive Play Area	100%	99%	1%



OVERSHADOWING ASSESSMENT - PUBLIC OPEN SPACES - EXISTING SCENARIO
 SUN EXPOSURE ON GROUND - 21ST MARCH (SPRING EQUINOX)



Fig. 14: Sun Exposure - Existing



21ST MARCH
(SPRING EQUINOX)

LONDON
Latitude: 51.4
Longitude: 0.0
Sunrise: 06:02 GMT
Sunset: 18:14 GMT

Total Available Sunlight:
12hrs 12mins

OVERSHADOWING ASSESSMENT - PUBLIC OPEN SPACES - PROPOSED SCENARIO
 SUN EXPOSURE ON GROUND - 21ST MARCH (SPRING EQUINOX)

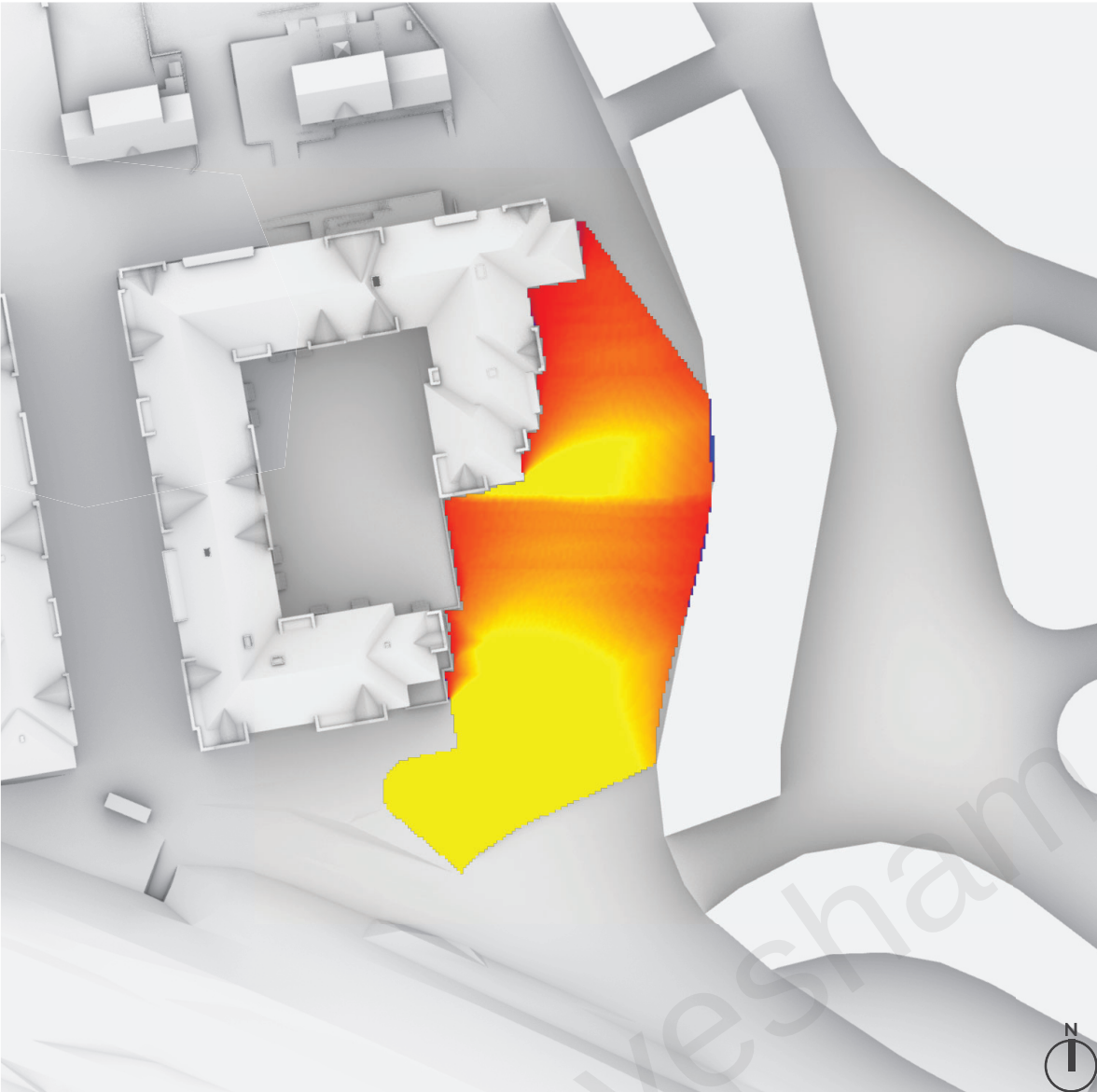


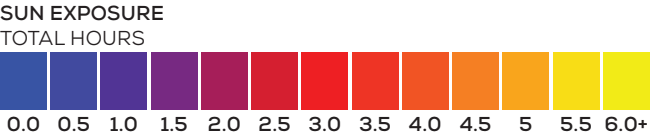
Fig. 15: Sun Exposure - Proposed Scenario



OVERSHADOWING ASSESSMENT - PUBLIC OPEN SPACES - EXISTING SCENARIO
 SUN EXPOSURE ON GROUND - 21ST JUNE (SUMMER SOLSTICE)



Fig. 16: Sun Exposure - Existing



**21ST JUNE
(SUMMER SOLSTICE)**

LONDON
Latitude: 51.4
Longitude: 0.0
Sunrise: 04:43 BST
Sunset: 21:21 BST

**Total Available Sunlight:
16hrs 38mins**

OVERSHADOWING ASSESSMENT - PUBLIC OPEN SPACES - PROPOSED SCENARIO
SUN EXPOSURE ON GROUND - 21ST JUNE (SUMMER SOLSTICE)



Fig. 17: Sun Exposure - Proposed Scenario



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Appendix: Daylight, Sunlight, Overshadowing, Solar Glare and Light Intrusion

Annex 1: Planning Policy and Guidance

Annex 2: Methodology and Baseline

Annex 3: Drawings

Annex 4: Daylight and Sunlight Results

Annex 5: Overshadowing Results

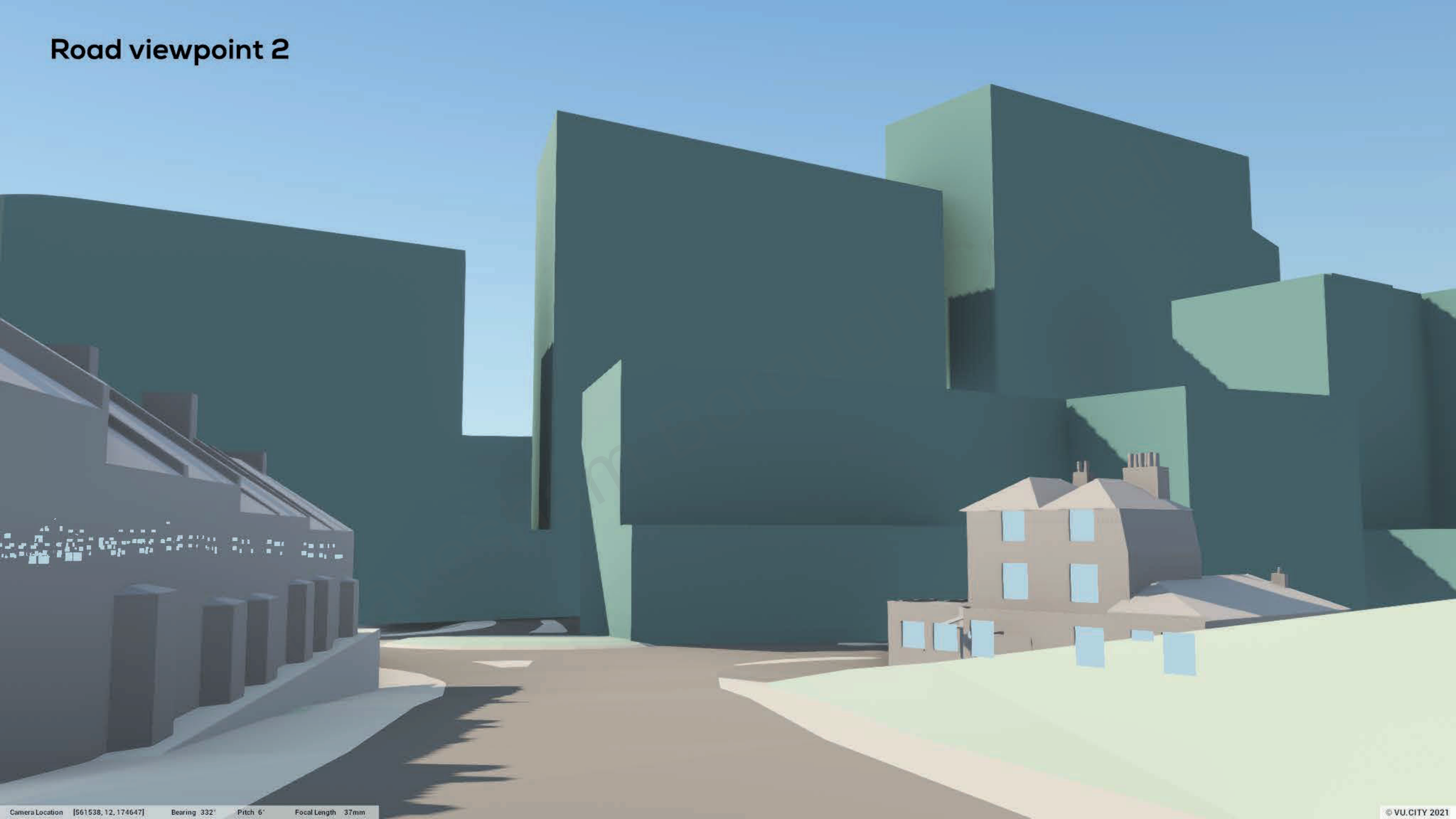
Annex 6: Solar Glare Viewpoints

Gravesham Borough Council

Road viewpoint 1



Road viewpoint 2



Rail viewpoint A



Rail viewpoint B

