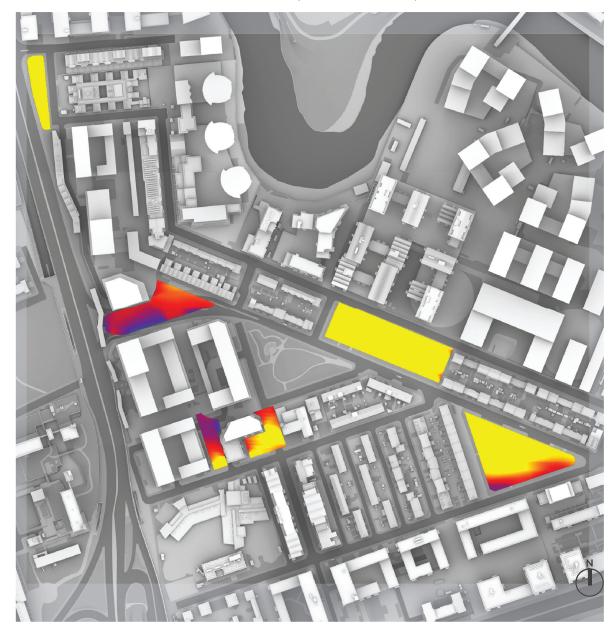
OVERSHADOWING ASSESSMENT - PROPOSED PUBLIC REALM SUN EXPOSURE ON GROUND - 21ST MARCH (SPRING EQUINOX)



SUN EXPOSURE TOTAL HOURS



21st MARCH (SPRING EQUINOX)

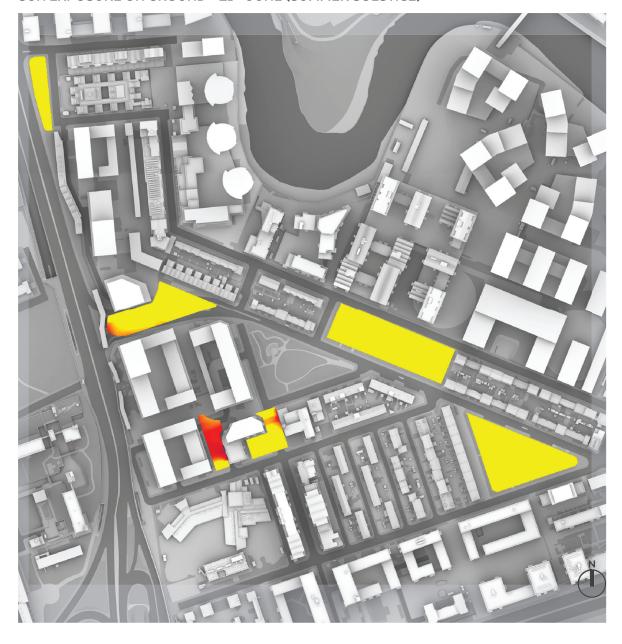
LONDON

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

Total Available Sunlight:

12hrs 12mins

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



SUN EXPOSURE TOTAL HOURS



21st JUNE (SUMMER SOLSTICE)

LONDON

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

Total Available Sunlight: 16hrs 38mins



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

Annex 1: Planning Policy

Annex 2: Methodology and Baseline Results

Annex 3: Scenario Overviews and Window Maps Annex 4: Daylight and Sunlight Results

Annex 5: Overshadowing Results

Annex 6: Solar Glare Results



1 SCENARIO OVERVIEW



Fig. 01: Site Overview Perspective



Fig. 02: Site Plan - Viewpoints

- → Building visible from the viewpoint
- → Building NOT visible from the viewpoint



2 SOLAR GLARE ASSESSMENT

The following pages present our Stage 1 Assessment results

60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 1 - LOOKING FORWARD

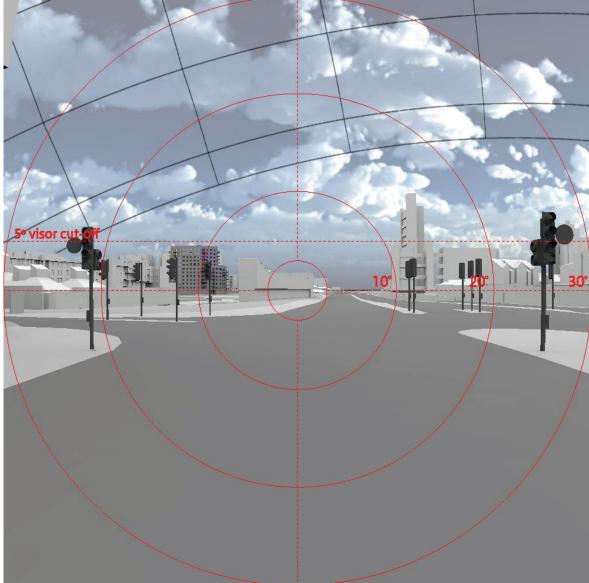
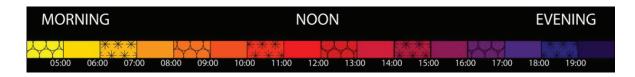


Fig. 03: Solar reflections



60° FIELD OF VIEW: SEASON VIEWPOINT 1 - LOOKING FORWARD

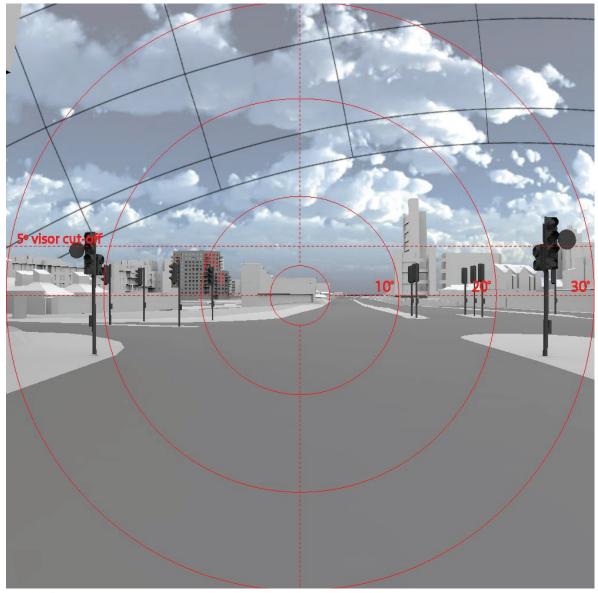


Fig. 04: Solar reflections





60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 2 - LOOKING FORWARD

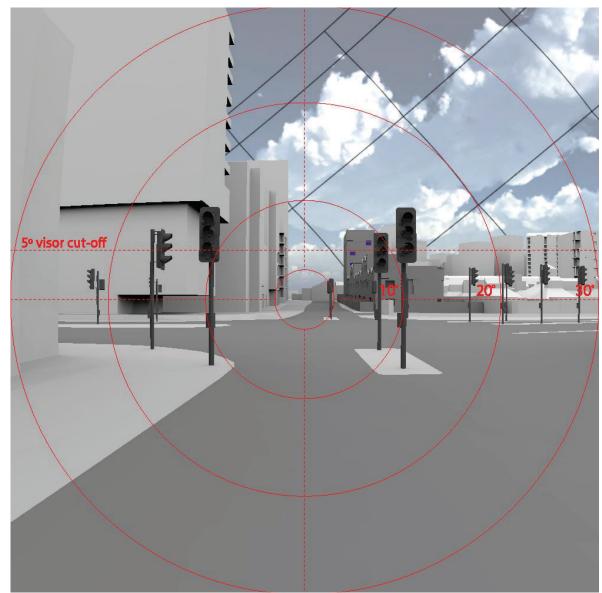
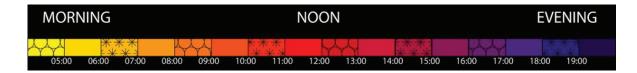


Fig. 05: Solar reflections



60° FIELD OF VIEW: SEASON VIEWPOINT 2 - LOOKING FORWARD

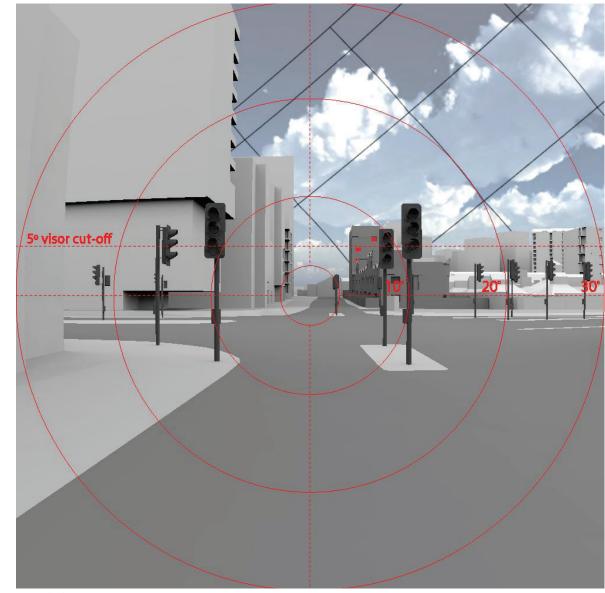


Fig. 06: Solar reflections

SUMMER		MID-SEASONS				WINTER
JUN 21	JUL 21	AUG 22	SEP 22	OCT 21	NOV 21	DEC 21
		***	****			
	MAY 21	APR 20	MAR 20	FEB 20	JAN 21	197



60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 5 - LOOKING FORWARD

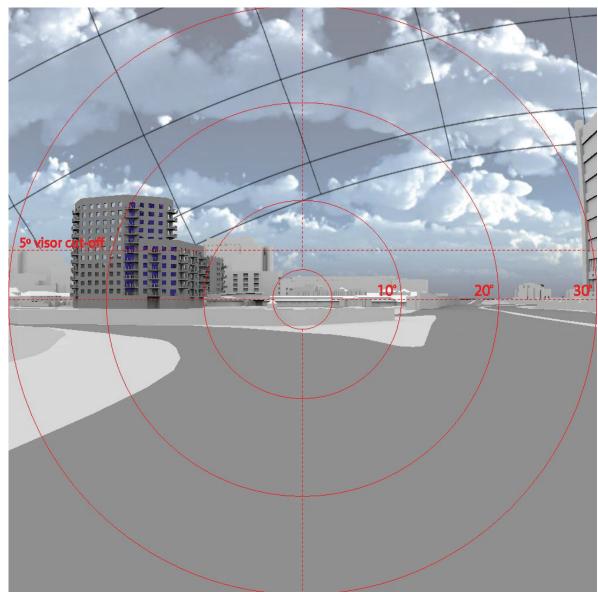
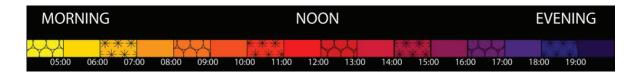


Fig. 07: Solar reflections



60° FIELD OF VIEW: SEASON VIEWPOINT 5 - LOOKING FORWARD

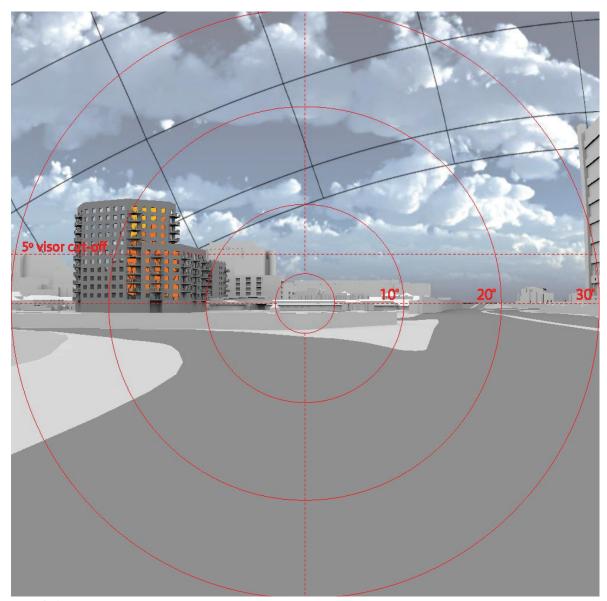


Fig. 08: Solar reflections





60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 7 - LOOKING FORWARD

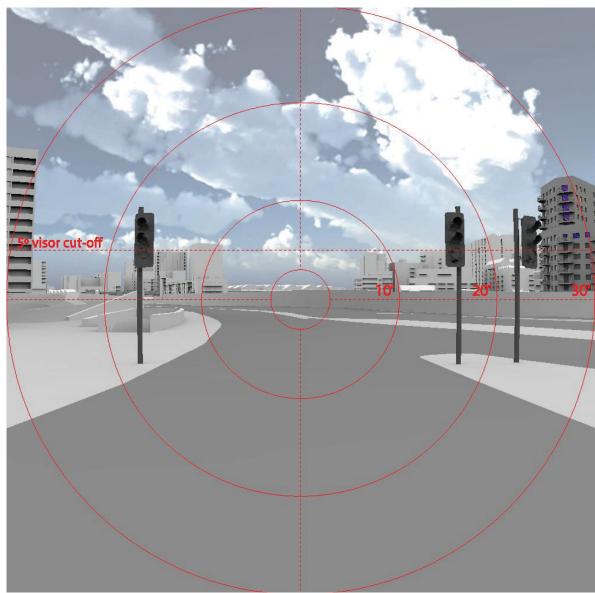
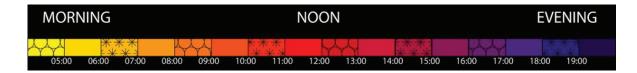


Fig. 09: Solar reflections



60° FIELD OF VIEW: SEASON VIEWPOINT 7 - LOOKING FORWARD

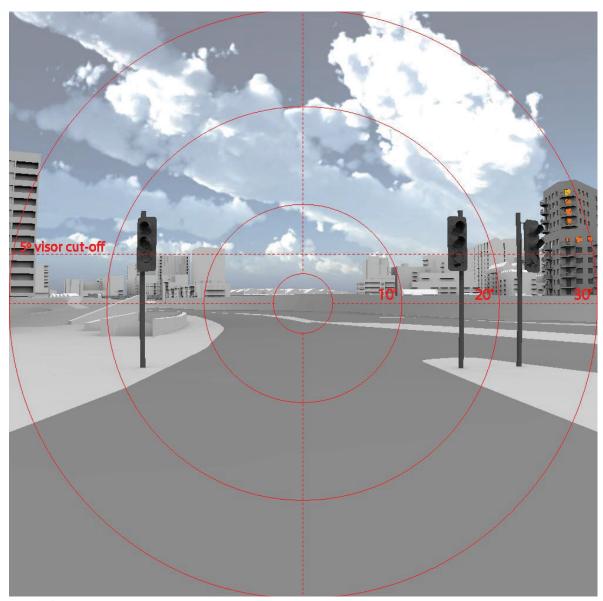


Fig. 10: Solar reflections





60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 8 - LOOKING FORWARD

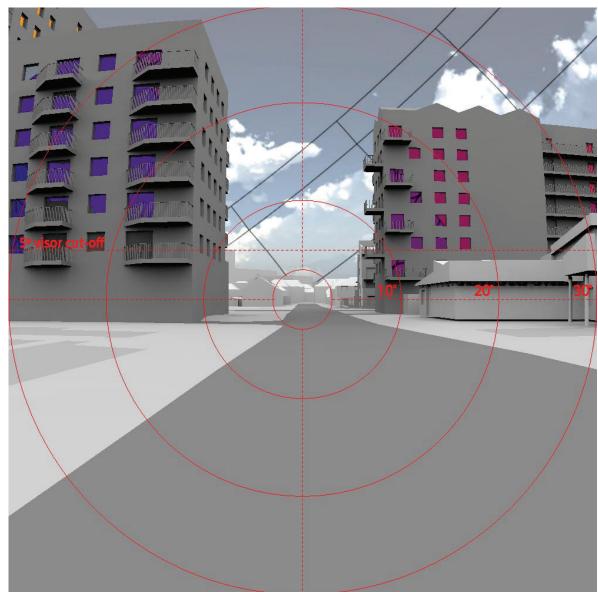
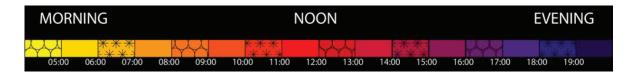


Fig. 11: Solar reflections

12



60° FIELD OF VIEW: SEASON VIEWPOINT 8 - LOOKING FORWARD

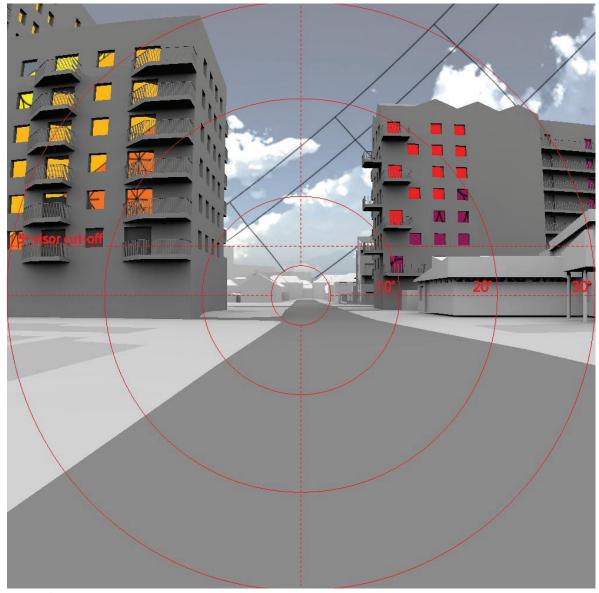


Fig. 12: Solar reflections





60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 9 - LOOKING FORWARD

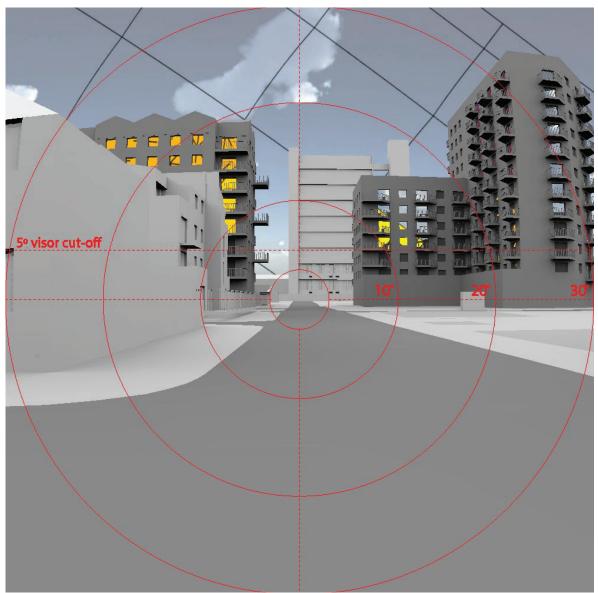
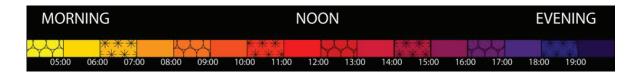


Fig. 13: Solar reflections



60° FIELD OF VIEW: SEASON VIEWPOINT 9 - LOOKING FORWARD

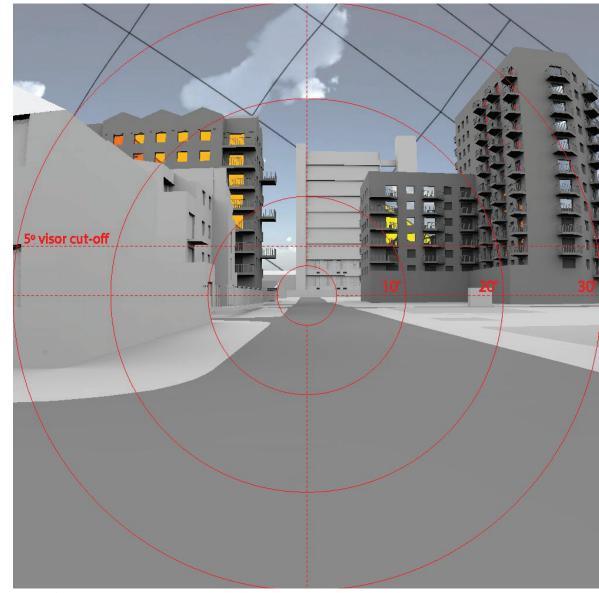


Fig. 14: Solar reflections

SUMMER		MID-SEASONS		S		WINTER
JUN 21	JUL 21	AUG 22	SEP 22	OCT 21	NOV 21	DEC 21
		***	*****			
	MAY 21	APR 20	MAR 20	FEB 20	JAN 21	



60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 10 - LOOKING FORWARD

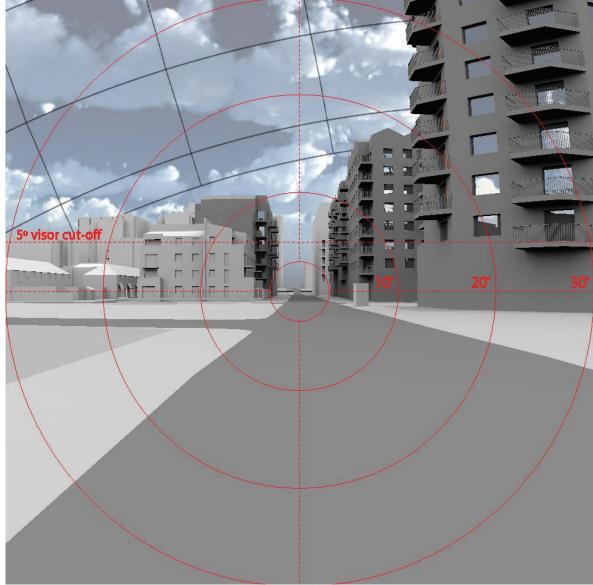


Fig. 15: Solar reflections

16



60° FIELD OF VIEW: SEASON VIEWPOINT 10 - LOOKING FORWARD

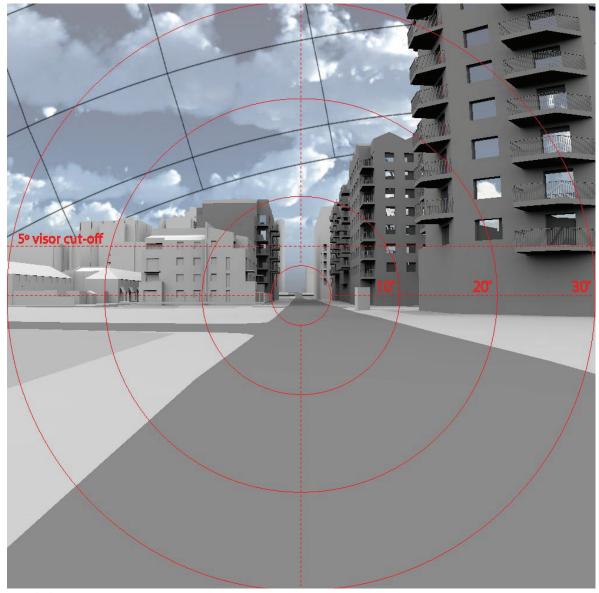


Fig. 16: Solar reflections





60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 11 - LOOKING FORWARD

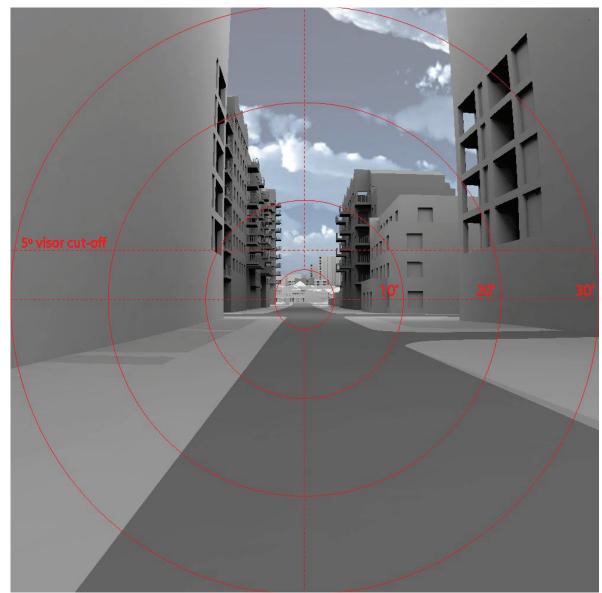
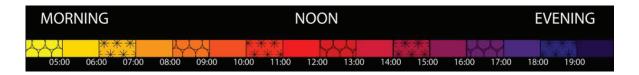


Fig. 17: Solar reflections



60° FIELD OF VIEW: SEASON VIEWPOINT 11 - LOOKING FORWARD

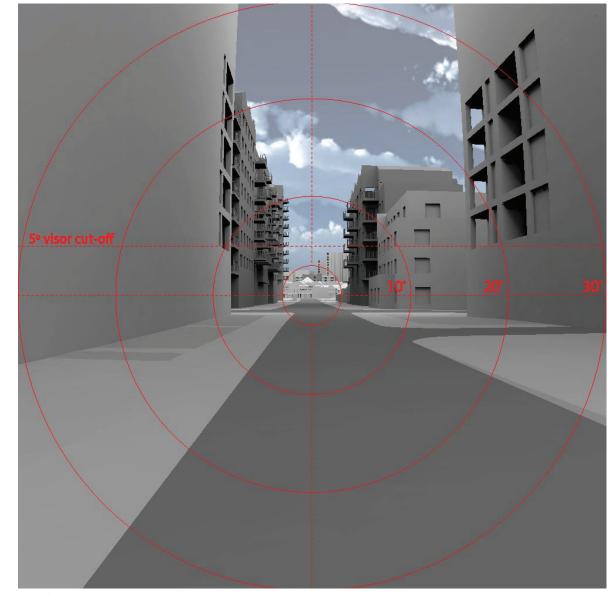


Fig. 18: Solar reflections

SUMMER		MID-SEASONS		S		WINTER	
JUN 21	JUL 21	AUG 22	SEP 22	OCT 21	NOV 21	DEC 21	
		***	****				
	MAY 21	APR 20	MAR 20	FEB 20	JAN 21		



60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 12 - LOOKING FORWARD

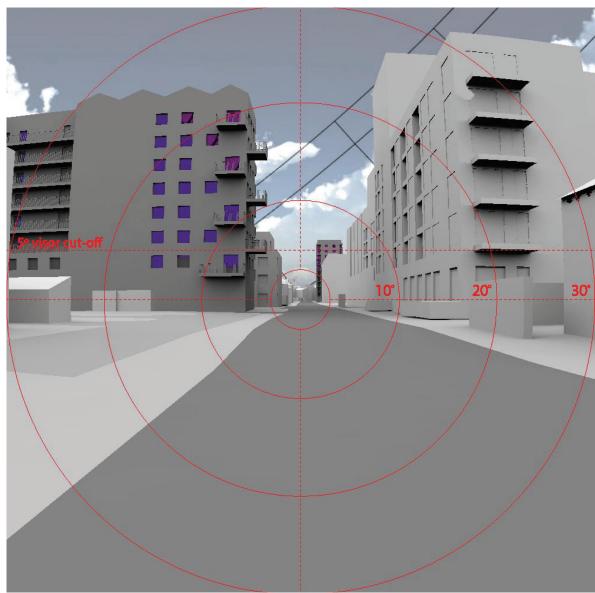
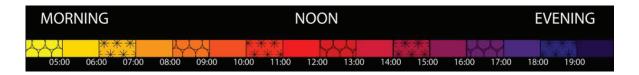


Fig. 19: Solar reflections

20



60° FIELD OF VIEW: SEASON VIEWPOINT 12 - LOOKING FORWARD

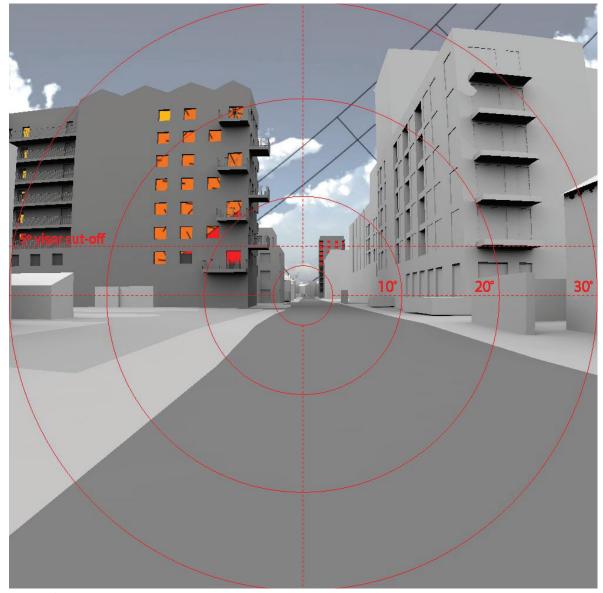


Fig. 20: Solar reflections





60° FIELD OF VIEW: TIME OF DAY VIEWPOINT 13 - LOOKING FORWARD

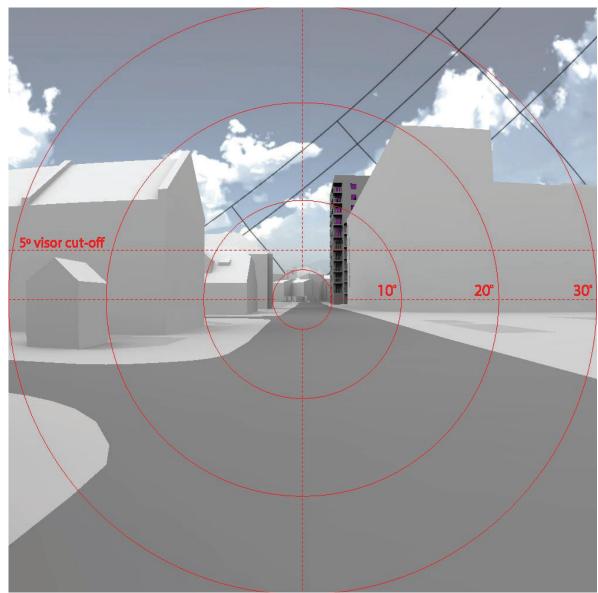
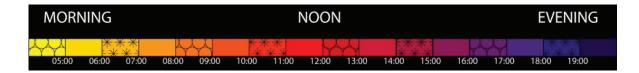


Fig. 21: Solar reflections

22



60° FIELD OF VIEW: SEASON VIEWPOINT 13 - LOOKING FORWARD

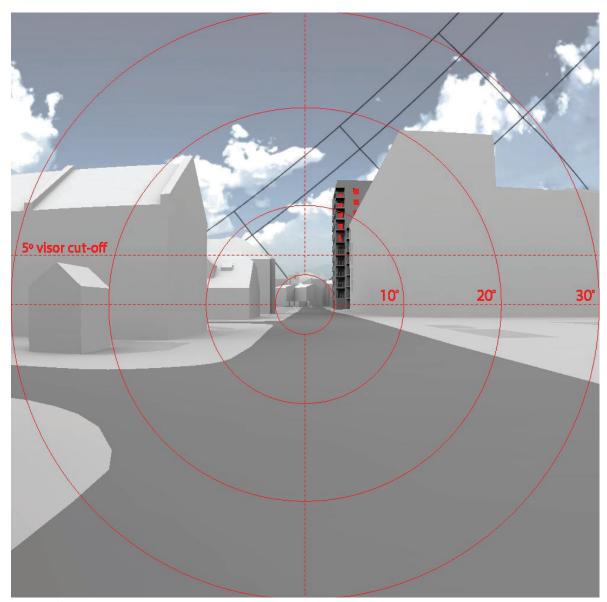


Fig. 22: Solar reflections



