

SOLAR ACCESS SUMMARY

Summary

Buildings have been arranged to maximise opportunities for solar access to comply with the minimum requirements set out in the Apartment Design Guide.

Compliance has been assessed on a building by building and lot by lot basis.

2 hours sun 74%

No sun 7%

Sub Totals	Units	Solar	%	No sun	%
Core Precinct	2,151	1,625	76%	96	4%
Stage 1a (C9)	449	314	70%	32	7%
North Precinct	1,155	858	74%	114	10%
East Precinct	214	161	75%	-	0%
South Precinct	685	520	76%	83	12%
Grand Total	Units	Solar	%	No sun	%
	4,654	3,478	74.7%	325	7.0%

Core

Lot	Units	2 hours Sun		No Sun	
		%	Lot Totals	%	Lot Totals
C1.0					
C1.1	194	90.2%	75.9%	8.2%	3.9%
C1.2	216	63.0%		0.0%	
C2.0					
C2.1a	84	77.4%	93.0%	20.2%	6.2%
C2.1b	189	100.0%		0.0%	
C2.2a	145	86.9%	83.2%	0.0%	0.0%
C2.2b	81	76.5%		0.0%	
C3.0					
C3.1	125	90.4%		10.4%	
C4.0					
C4.1	97				
C4.2	96	100.0%		0.0%	
C5.1a	71	60.6%	72.1%	25.4%	11.7%
C5.1b	110	77.3%		7.3%	
C5.1c	41	78.0%		0.0%	
C6.1a	57	47.4%	72.2%	0.0%	8.2%
C6.1b	161	83.9%		3.7%	
C6.1c	73	65.8%		24.7%	
C6.2a	72	50.0%	70.5%	0.0%	0.0%
C6.2b	77	87.0%		0.0%	
C7.1	73	69.9%	72.0%	0.0%	0.0%
C7.2	70	74.3%		0.0%	
C8.1a	47	38.3%		0.0%	
C8.1b	72	93.1%	71.4%	0.0%	0.0%

North Precinct

Lot	Units	2 hours Sun		No Sun	
		%	Lot Totals	%	Lot Totals
N1	82	80.5%		12.2%	
N2	47	80.9%		12.8%	
N3	163	71.8%		13.5%	
N4	54	70.4%		0.0%	
N5	142	73.9%		12.7%	
N6.1	125	69.6%	69.7%	6.4%	4.8%
N6.2	40	70.0%		0.0%	
N7.1	111	73.0%	71.8%	0.0%	7.4%
N7.2	100	70.0%		16.0%	
N7.3	5	80.0%		0.0%	
N8	101	73.3%	76.5%	12.9%	11.9%
N9.1a	44	79.5%		18.2%	
N9.1b	47	78.7%		17.0%	
N9.2	51	78.4%		0.0%	
N10	43	88.4%		11.6%	

South Precinct

Lot	Units	2 hours Sun		No Sun	
		%	Lot Totals	%	Lot Totals
S1	76	82.9%		7.9%	
S2	97	70.1%		15.5%	
S3	85	72.9%		14.1%	
S4	87	78.2%		10.3%	
S5	104	72.1%		7.7%	
S6	52	71.2%		13.5%	
S7a	45	84.4%	84.6%	4.4%	12.1%
S7b	46	84.8%		19.6%	
S8	93	75.3%		16.1%	

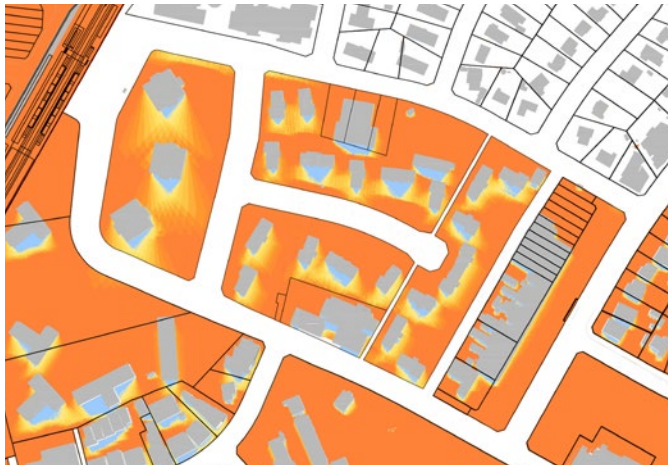
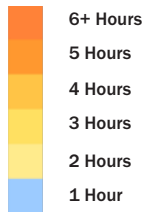
East Precinct

Lot	Units	2 hours Sun		No Sun	
		%	Lot Totals	%	Lot Totals
E1	158	75.3%		-	0.0%
E2	56	75.0%		-	0.0%

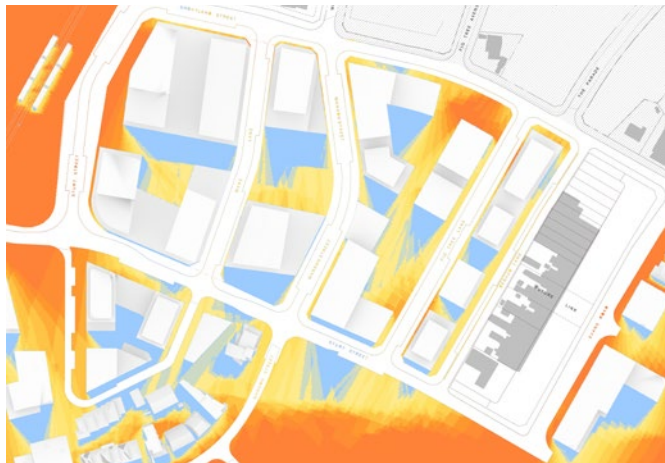
SOLAR ACCESS: CORE PUBLIC DOMAIN

Winter Solstice - June 21

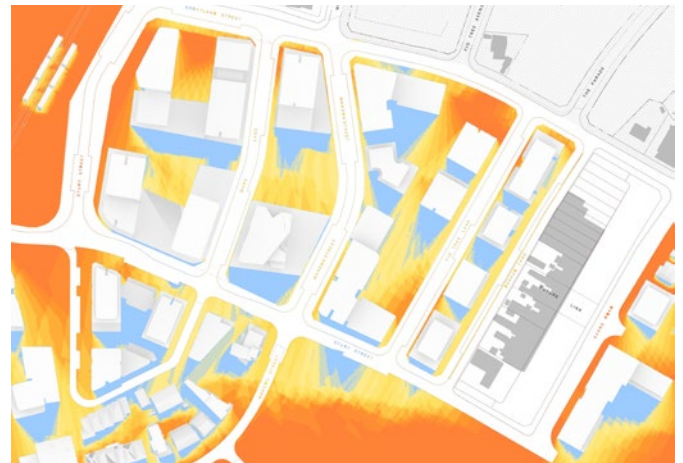
9am - 3pm



Existing



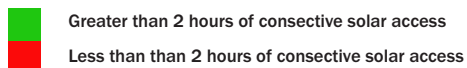
Envelopes



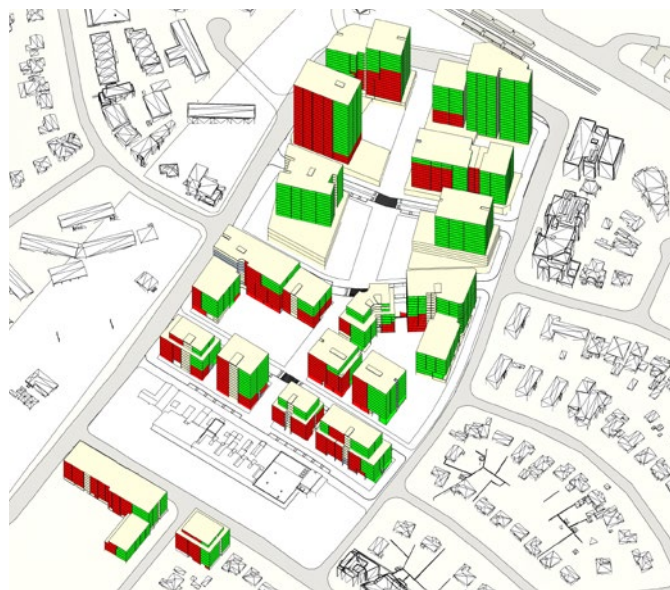
Indicative Design Scheme

SOLAR ACCESS: CORE RESIDENTIAL

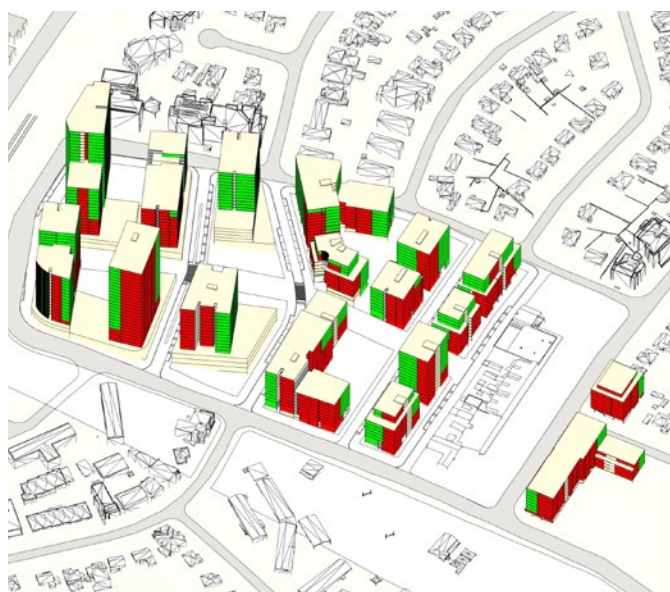
Winter Solstice - June 21



North



East



South



West

Views From the Sun

Core Precinct



10am



9am



11am



12pm



1pm



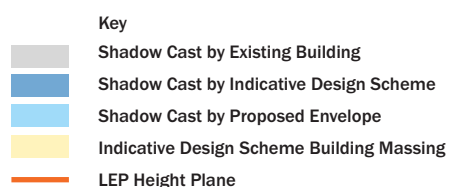
2pm



3pm

SOLAR ACCESS: CORE SHADOW DIAGRAMS

Winter Solstice - June 21



9am



10am



11am



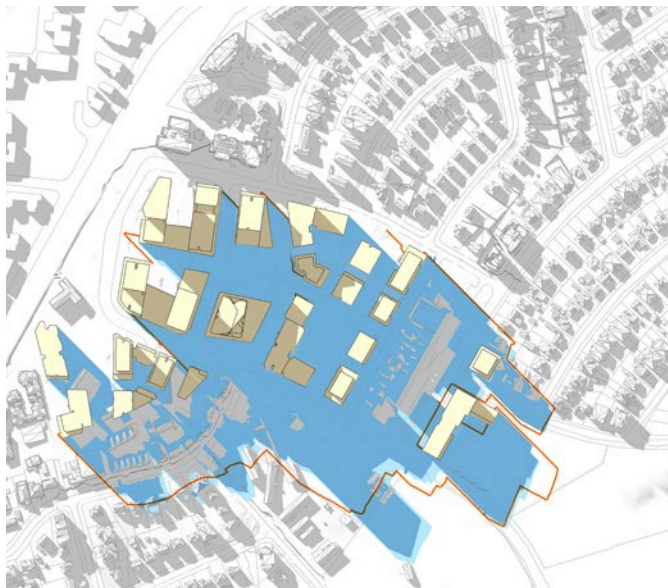
12pm



1pm



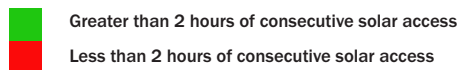
2pm



3pm

SOLAR ACCESS: NORTH RESIDENTIAL

Winter Solstice - June 21



North



East



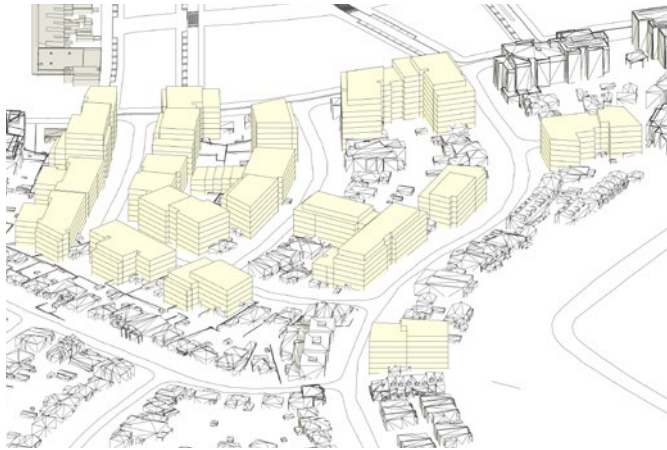
South



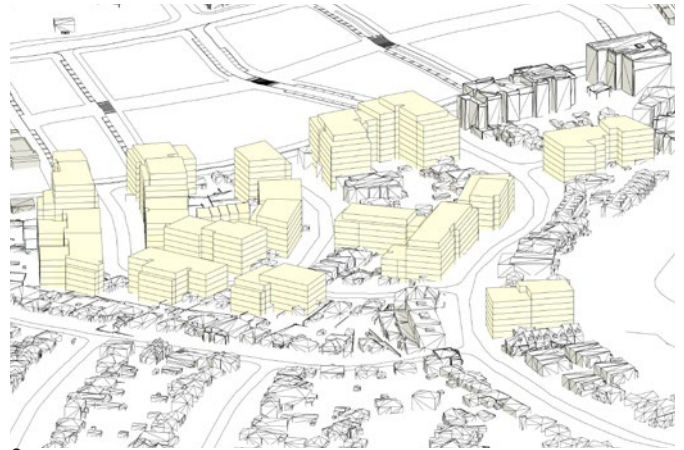
West

Views From the Sun

North Precinct



10am



9am



11am



12pm



1pm



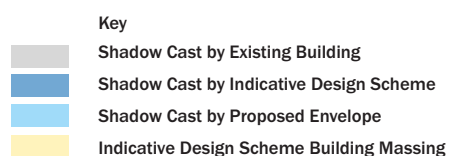
2pm



3pm

SOLAR ACCESS: NORTH SHADOW DIAGRAMS

Winter Solstice - June 21



9am



10am



11am



12pm



1pm



2pm

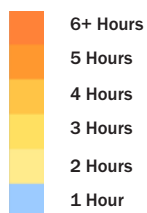


3pm

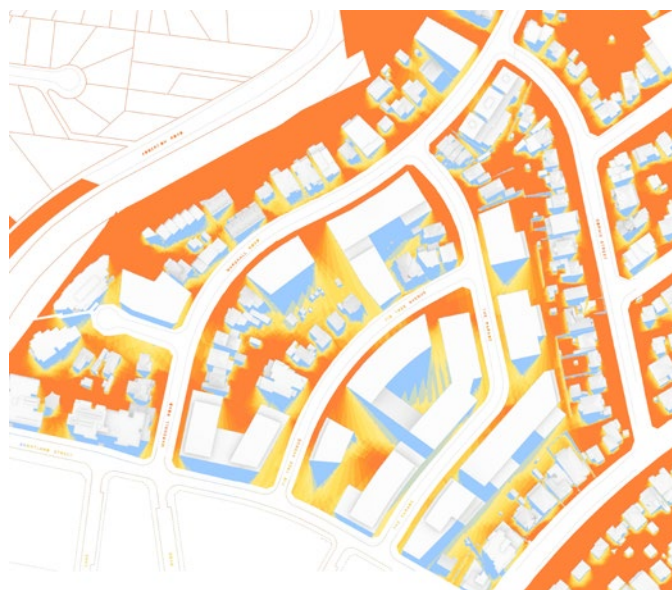
SOLAR ACCESS: NORTH PUBLIC DOMAIN

Winter Solstice - June 21

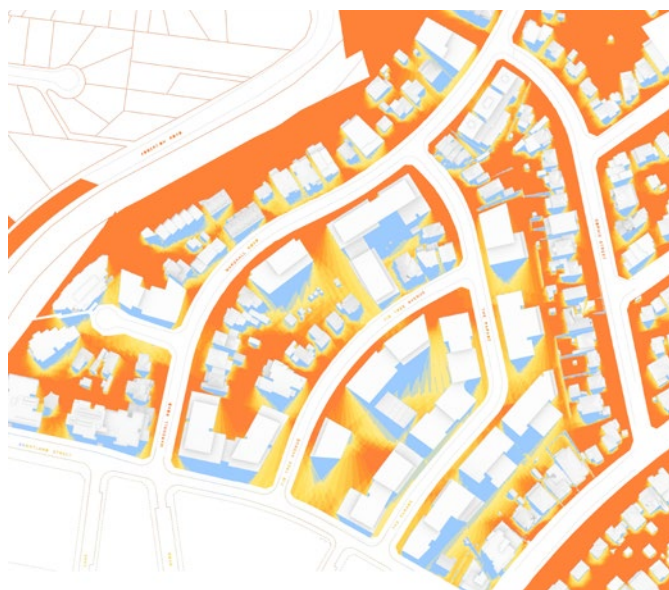
9am - 3pm



Existing



Envelopes

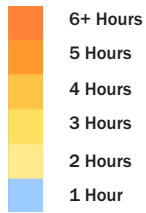


Indicative Design Scheme

SOLAR ACCESS: SOUTH PUBLIC DOMAIN

Winter Solstice - June 21

9am - 3pm



Existing



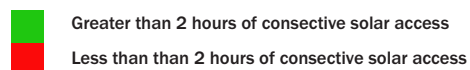
Envelopes



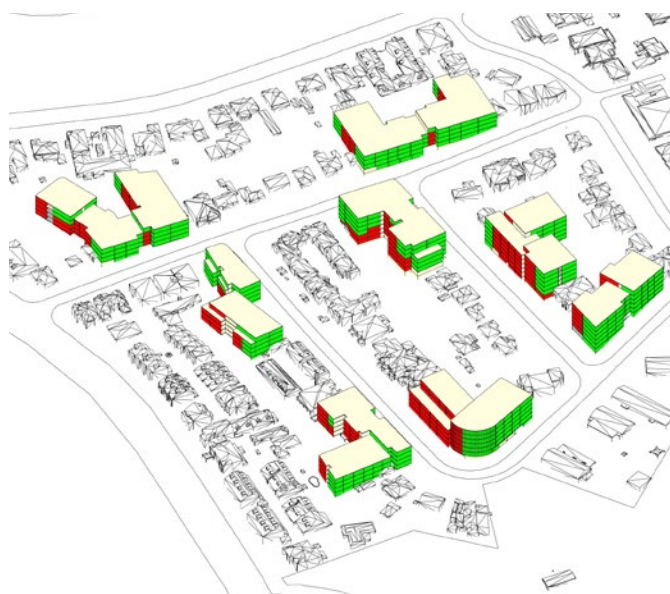
Indicative Design Scheme

SOLAR ACCESS: SOUTH RESIDENTIAL

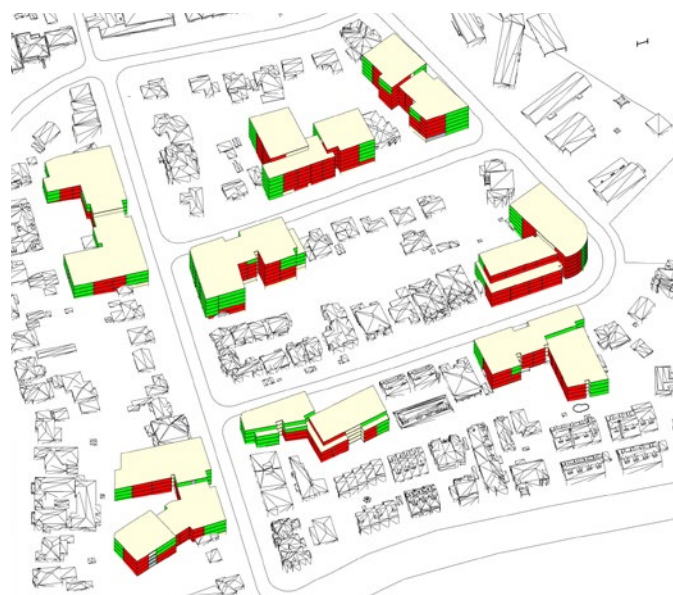
Winter Solstice - June 21



North



East



South



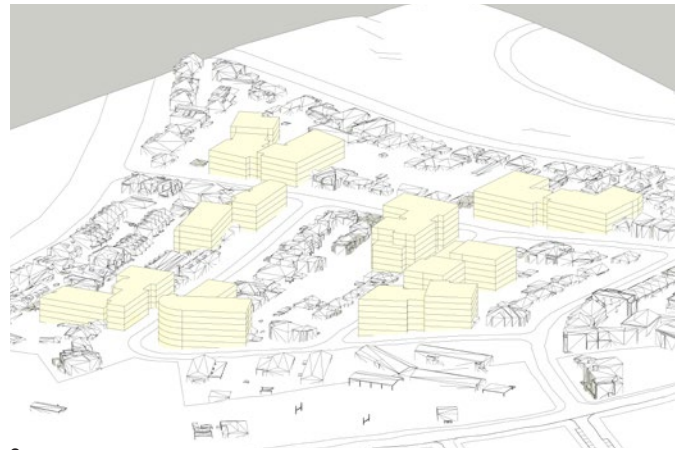
West

Views From the Sun

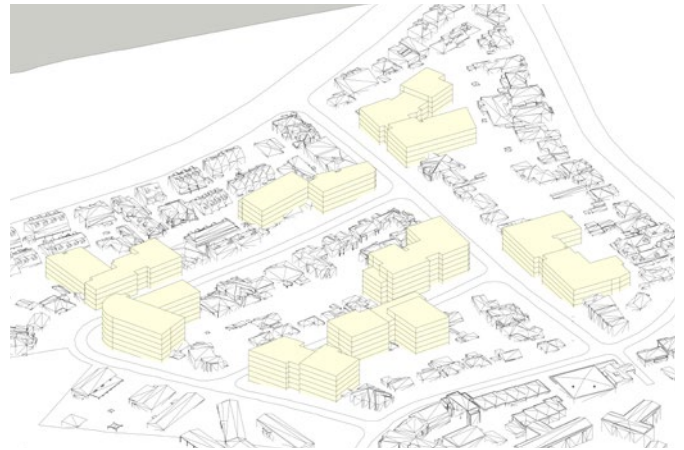
South Precinct



10am



9am



11am



12pm



1pm



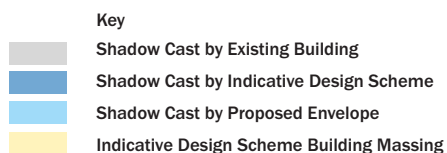
2pm



3pm

SOLAR ACCESS: SOUTH SHADOW DIAGRAMS

Winter Solstice - June 21



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11am



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2pm



3pm