

Hyde Park - Overshadowing Analysis | 50% Reduced Shadow Study

50% Reduced Shadow Study

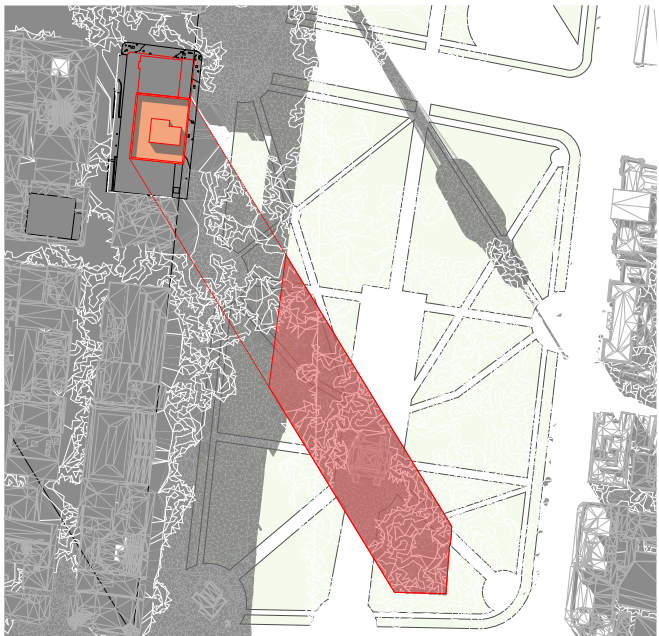
12:00pm - 2:00pm AEST

21st June



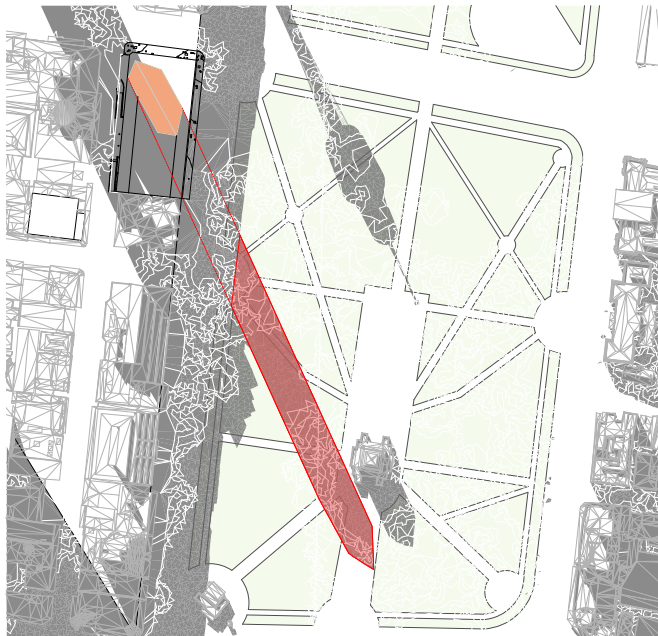
13:30pm AEST 10,052m2

21st June (Existing)



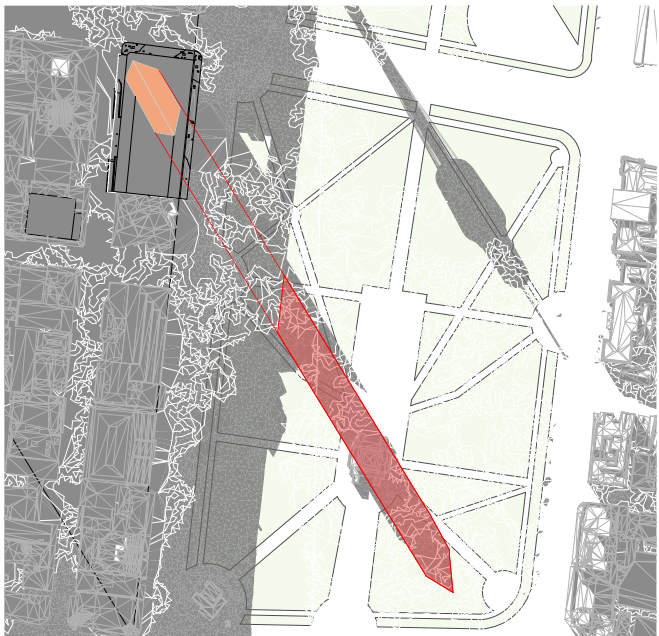
14:00pm AEST 10,430m2

21st June (Existing)



13:30pm AEST 4,768m2

21st June (Proposed)



14:00pm AEST 4,681m2

21st June (Proposed)

	Existing Condition	Proposed Envelope
12:00	64 m2	0 m2
12:30	4,115 m2	2,411 m2
13:00	7,924 m2	4,426 m2
13:30	10,052 m2	4,768 m2
14:00	10,430 m2	4,681 m2
	32,585 m2	16,286 m2
	100.00%	49.98%

50.02% Shadow Reduction

Hyde Park - Overshadowing Analysis | Annual Shadow Study

Annual Shadow Study

The part of proposed envelope that projects higher than the Hyde Park sun access plane will reduce by at least 50% the existing overshadowing on land at Hyde Park between 12:00pm and 14:00pm on 21 June.

The following study addresses the SEARs requirement for shadow diagrams for 9:00 am, 12:00 midday and 3:00 pm on the following dates:

- 21st December (Summer solstice)
- 21st June (Winter solstice)
- 21st March (Equinox)
- 21st September (Equinox)

The overshadowing is reduced on all of these times when compared to the existing building.

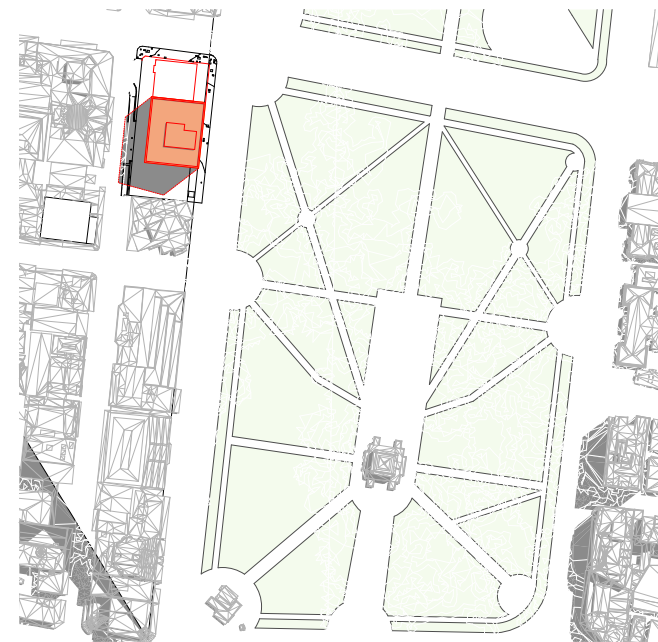
Annual Shadow Study - Summer

9:00am, 12:00pm, 3:00pm AEDT |
8:00am, 11:00am, 2:00pm AEST
21st December



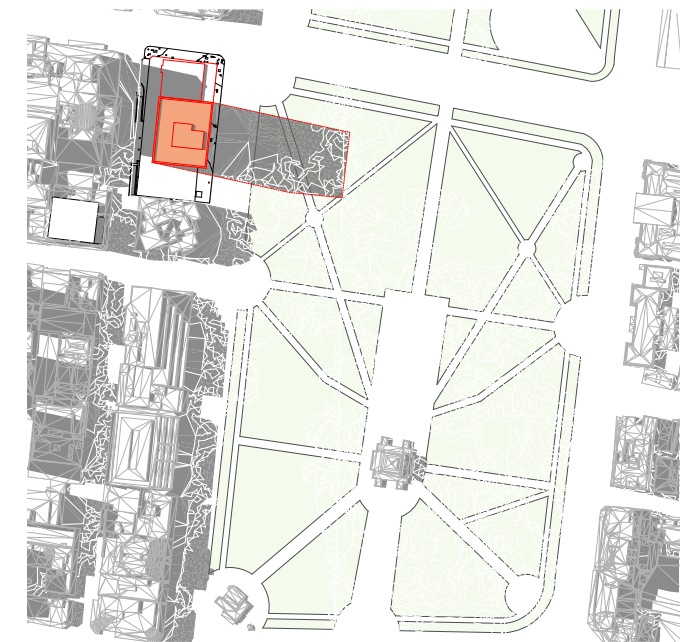
9:00am AEDT | 8:00am AEST

21st December (Existing)



12:00pm AEDT | 11:00am AEST

21st December (Existing)



3:00pm AEDT | 2:00pm AEST

21st December (Existing)



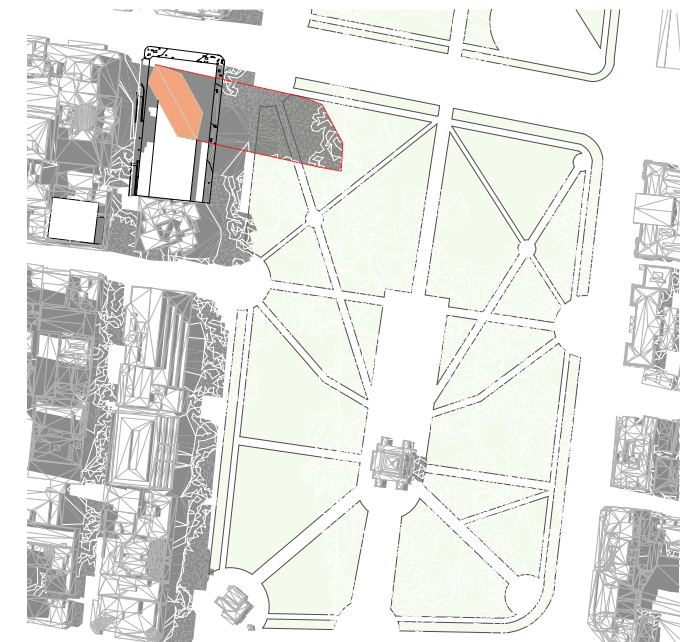
9:00am AEDT | 8:00am AEST

21st December (Proposed)



12:00pm AEDT | 11:00am AEST

21st December (Proposed)



3:00pm AEDT | 2:00pm AEST

21st December (Proposed)

Hyde Park - Overshadowing Analysis | Annual Shadow Study

Annual Shadow Study - Winter

9:00am, 12:00pm, 3:00pm AEST

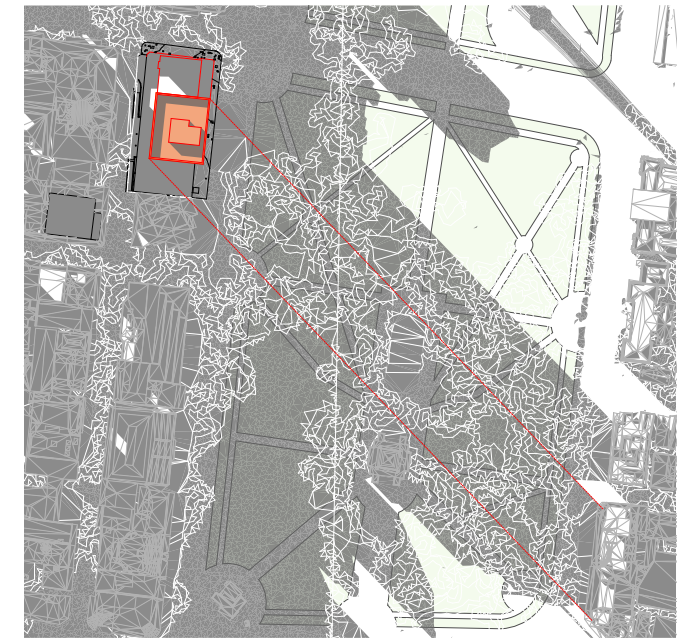
21st June



9:00am AEST
21st June (Existing)



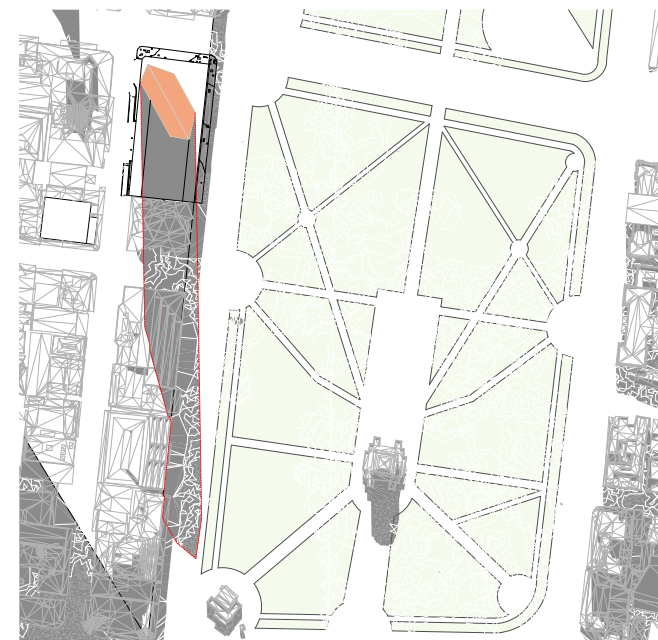
12:00pm AEST
21st June (Existing)



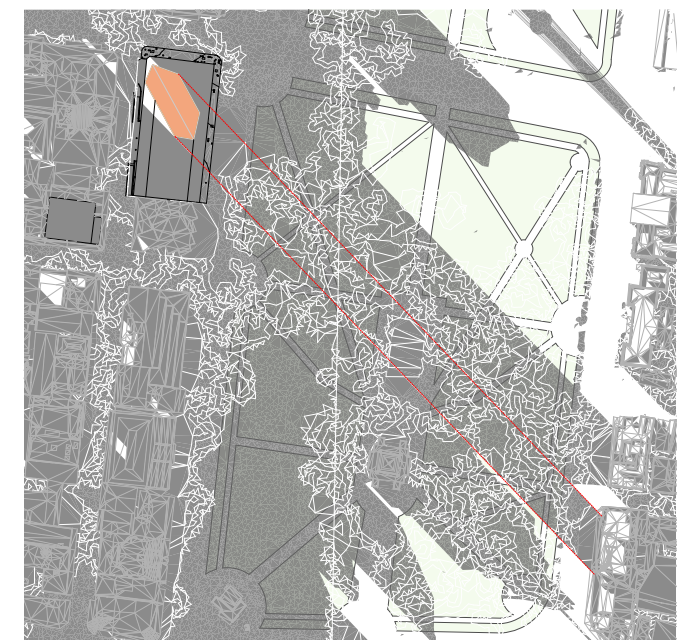
3:00pm AEST
21st June (Existing)



9:00am AEST
21st June (Proposed)



12:00pm AEST
21st June (Proposed)



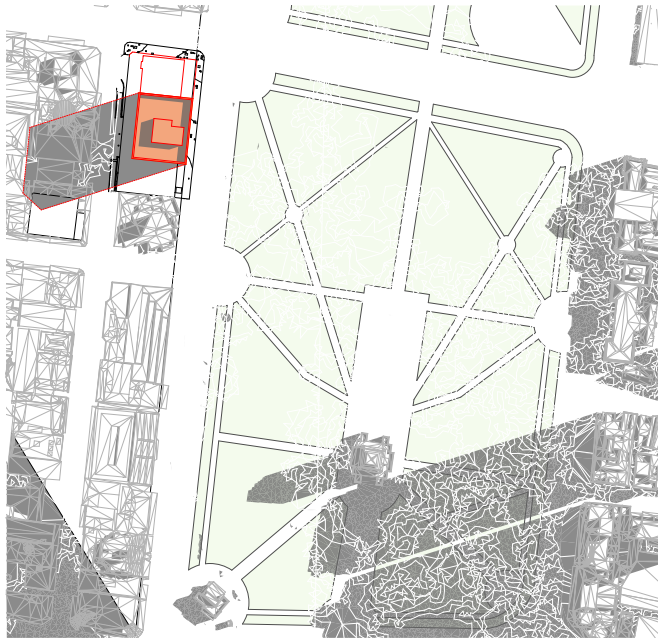
3:00pm AEST
21st June (Proposed)

Hyde Park - Overshadowing Analysis | Annual Shadow Study

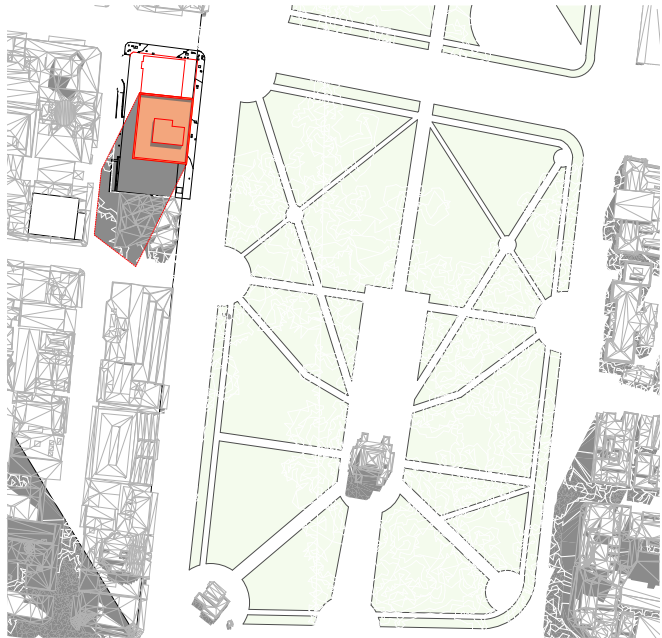
Annual Shadow Study - Equinox

9:00am, 12:00pm, 3:00pm AEDT |
8:00am, 11:00am, 2:00pm AEST

21st March



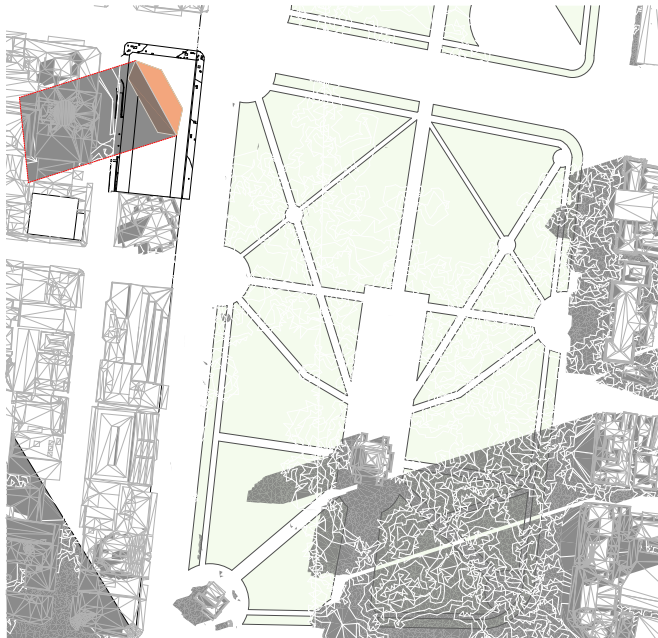
9:00am AEDT | 8:00am AEST
21st March (Existing)



12:00pm AEDT | 11:00am AEST
21st March (Existing)



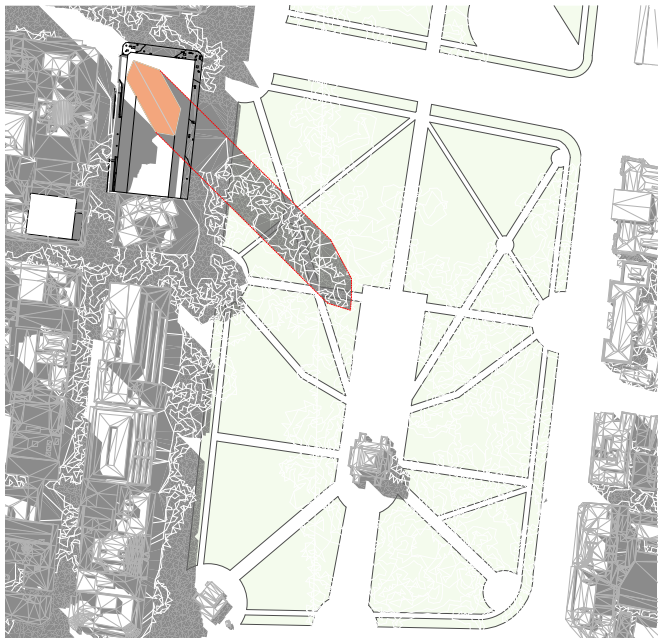
3:00pm AEDT | 2:00pm AEST
21st March (Existing)



9:00am AEDT | 8:00am AEST
21st March (Proposed)



12:00pm AEDT | 11:00am AEST
21st March (Proposed)



3:00pm AEDT | 2:00pm AEST
21st March (Proposed)