

GRIMSHAW + JOHNSON PILTON WALKER

SSDA Addendum Shadow Analysis


Sydney Metro
Martin Place Station (SMMPS)

AUGUST 2017

Contents

05	Existing condition vs. Proposed SSD envelope vs. DCP/LEP compliant envelope
06	December 21
14	June 21
22	September 21
30	April 14
48	August 31



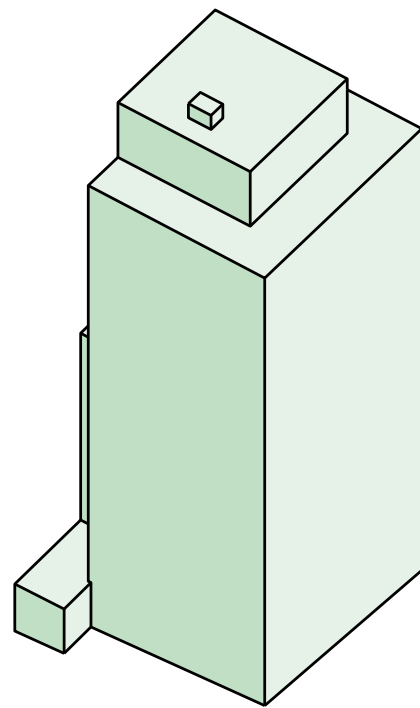


Existing condition vs.
Proposed SSD envelope vs.
DCP LEP compliant envelope

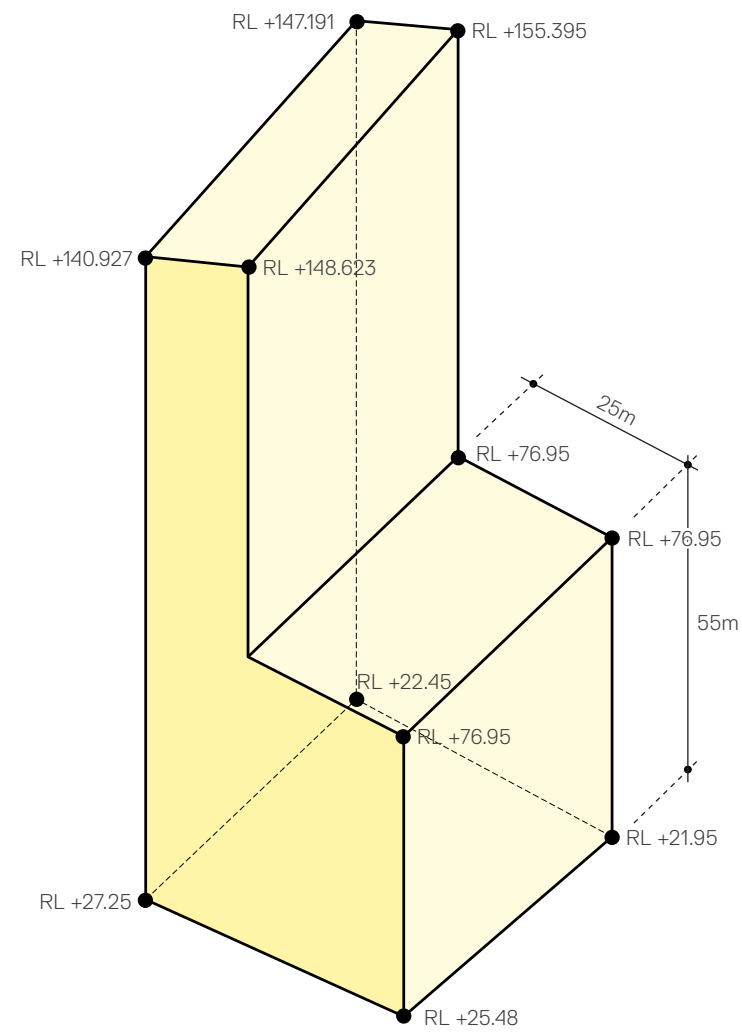
Envelopes

South site

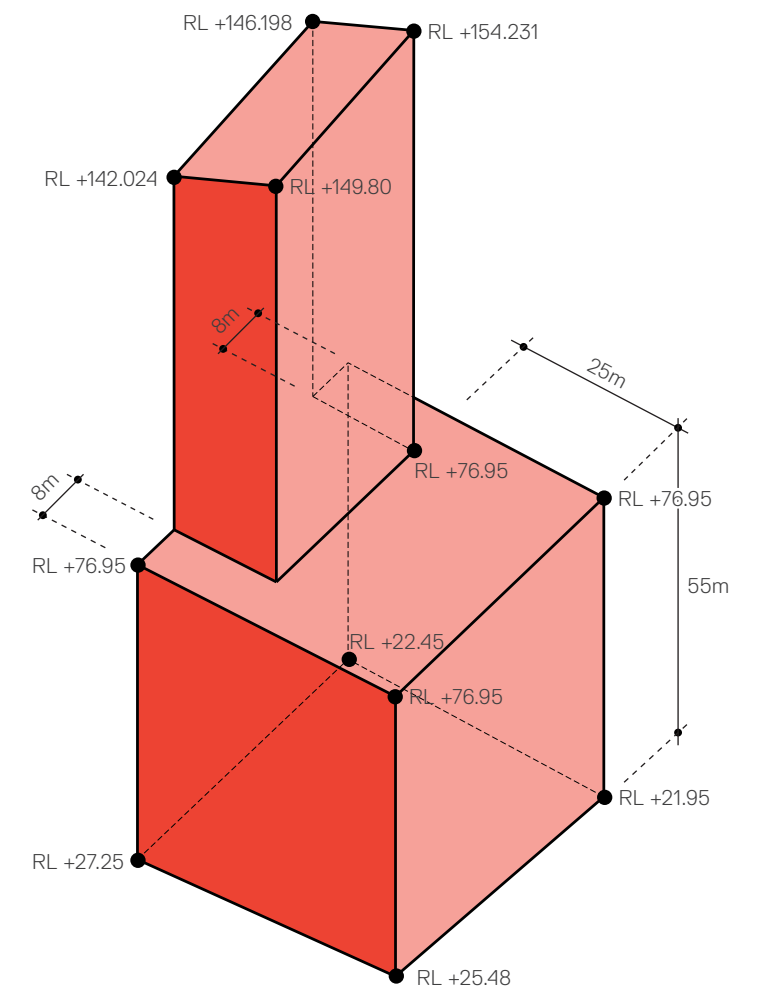
- Tops of envelopes have been determined by the agreed project Sun Access Plane.
- All ground level RLs are existing and have been taken from topographical survey (refer to drawing MPS_COA_000_XX_DR_A_DA1001_01).
- 55m podium height measurement taken from the north-west corner of the site (being the lowest corner).



Existing (diagrammatic form)



Proposed SSD envelope

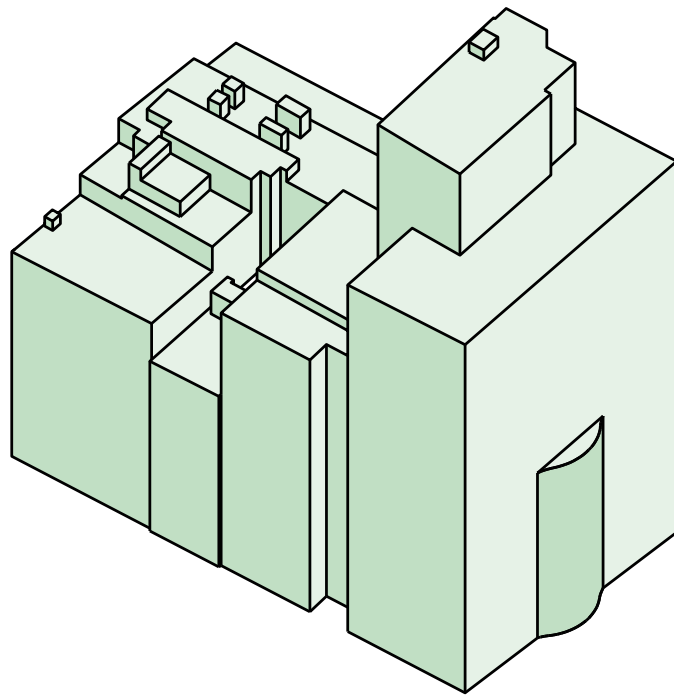


DCP/LEP compliant envelope

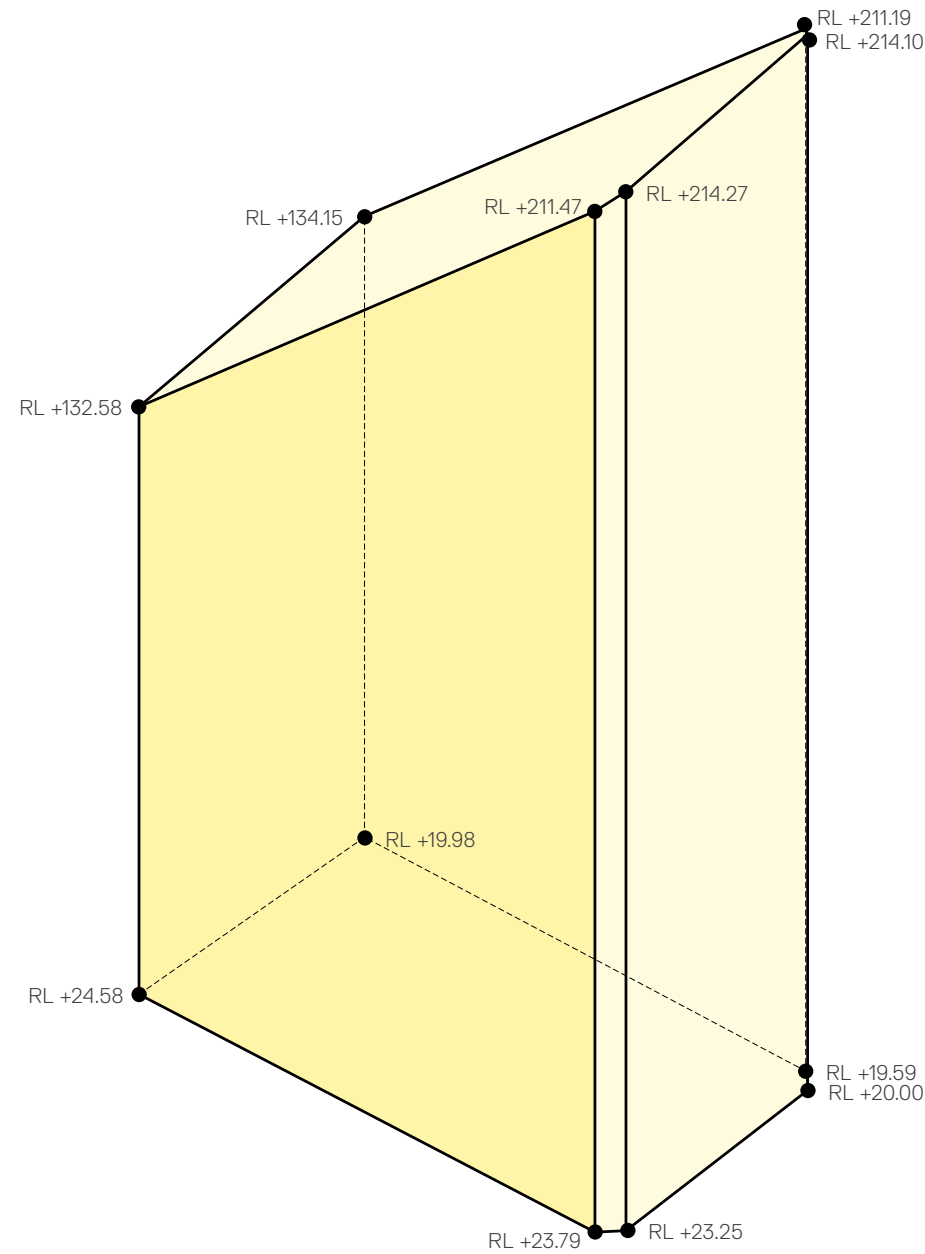
Envelopes

North site

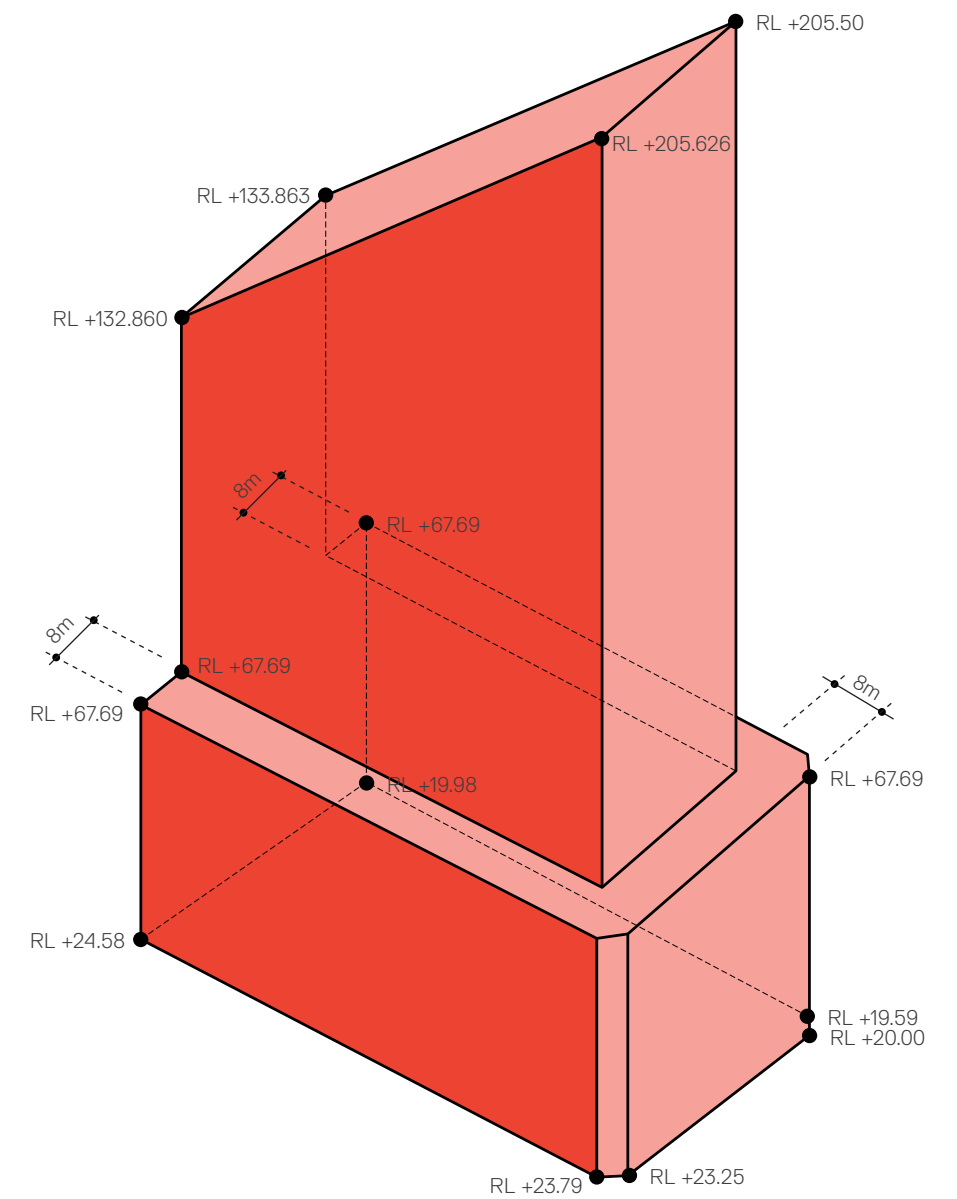
- Tops of envelopes have been determined by the agreed project Sun Access Plane.
- All ground level RLs are existing and have been taken from topographical survey (refer to drawing MPS_COA_000_XX_DR_A_DA1001_01).
- Podium height derived from the existing 50 Martin Place parapet height.



Existing (diagrammatic form)



Proposed SSD envelope

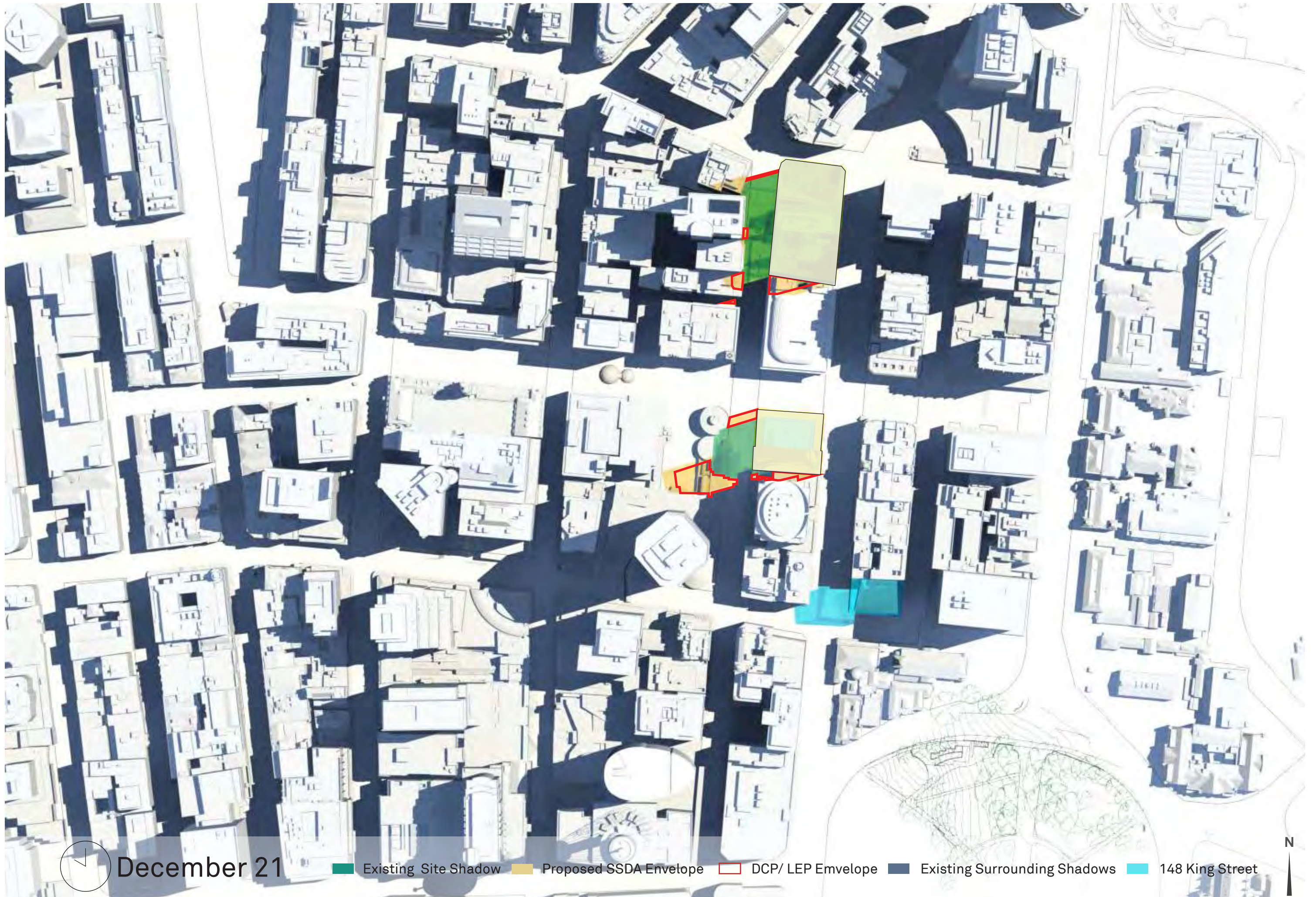


DCP/LEP compliant envelope

—

December 21
09:00_15:00











December 21

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Emvelope Existing Surrounding Shadows 148 King Street







December 21

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Emvelope Existing Surrounding Shadows 148 King Street

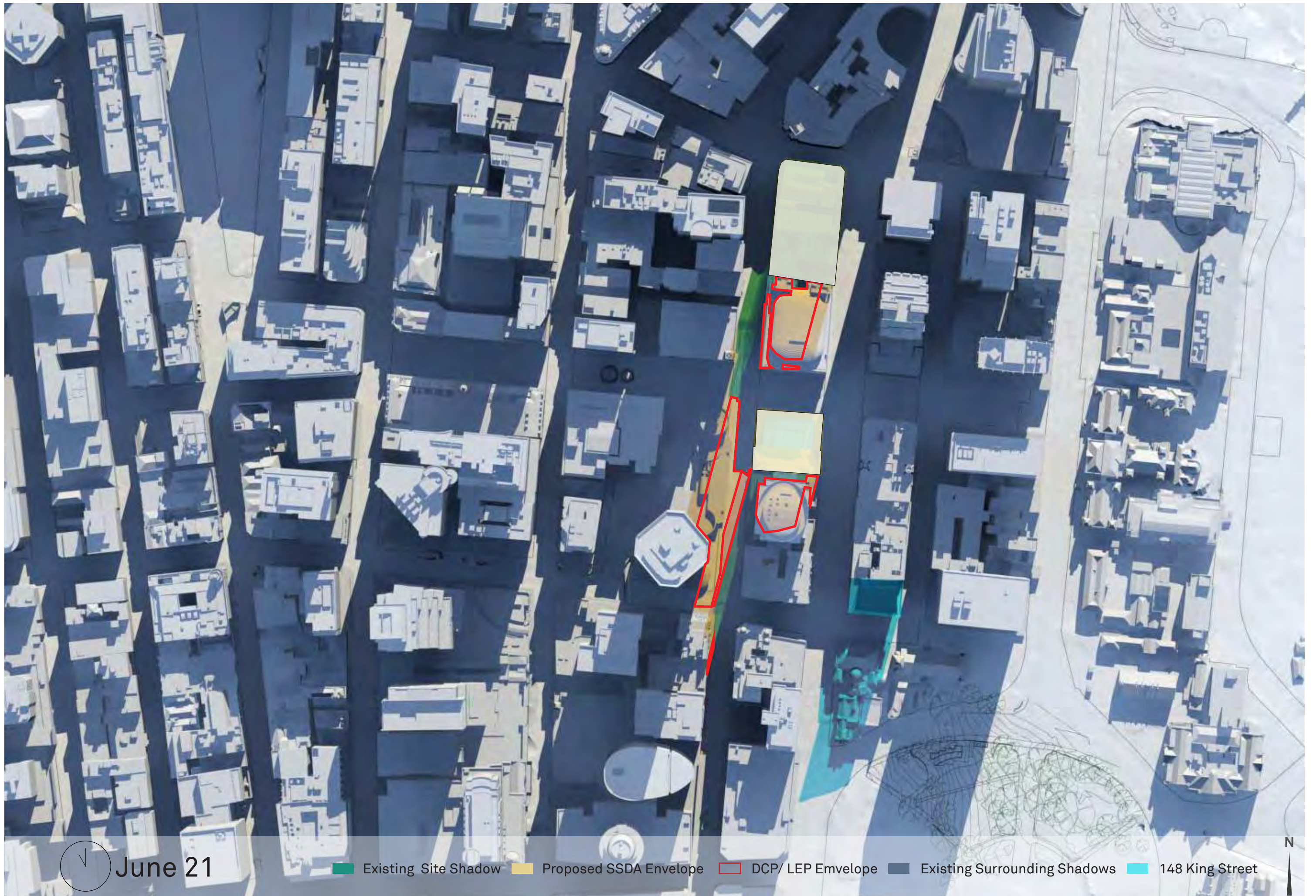
—

June 21
09:00_15:00



Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Emvelope Existing Surrounding Shadows 148 King Street





June 21

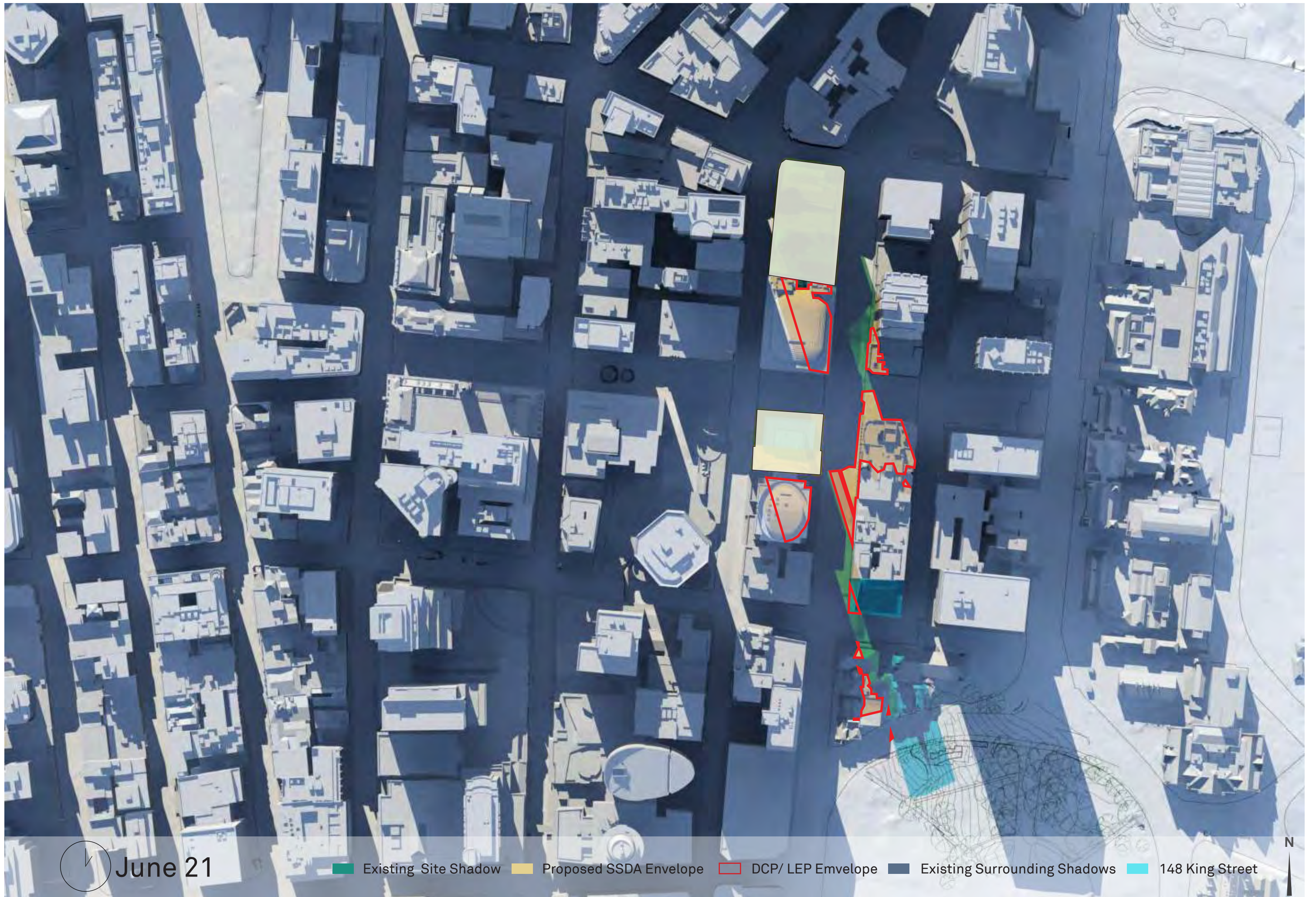
Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Emvelope Existing Surrounding Shadows 148 King Street

N



June 21

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Envelope Existing Surrounding Shadows 148 King Street





Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Emvelope Existing Surrounding Shadows 148 King Street



—

September 21
09:00_15:00





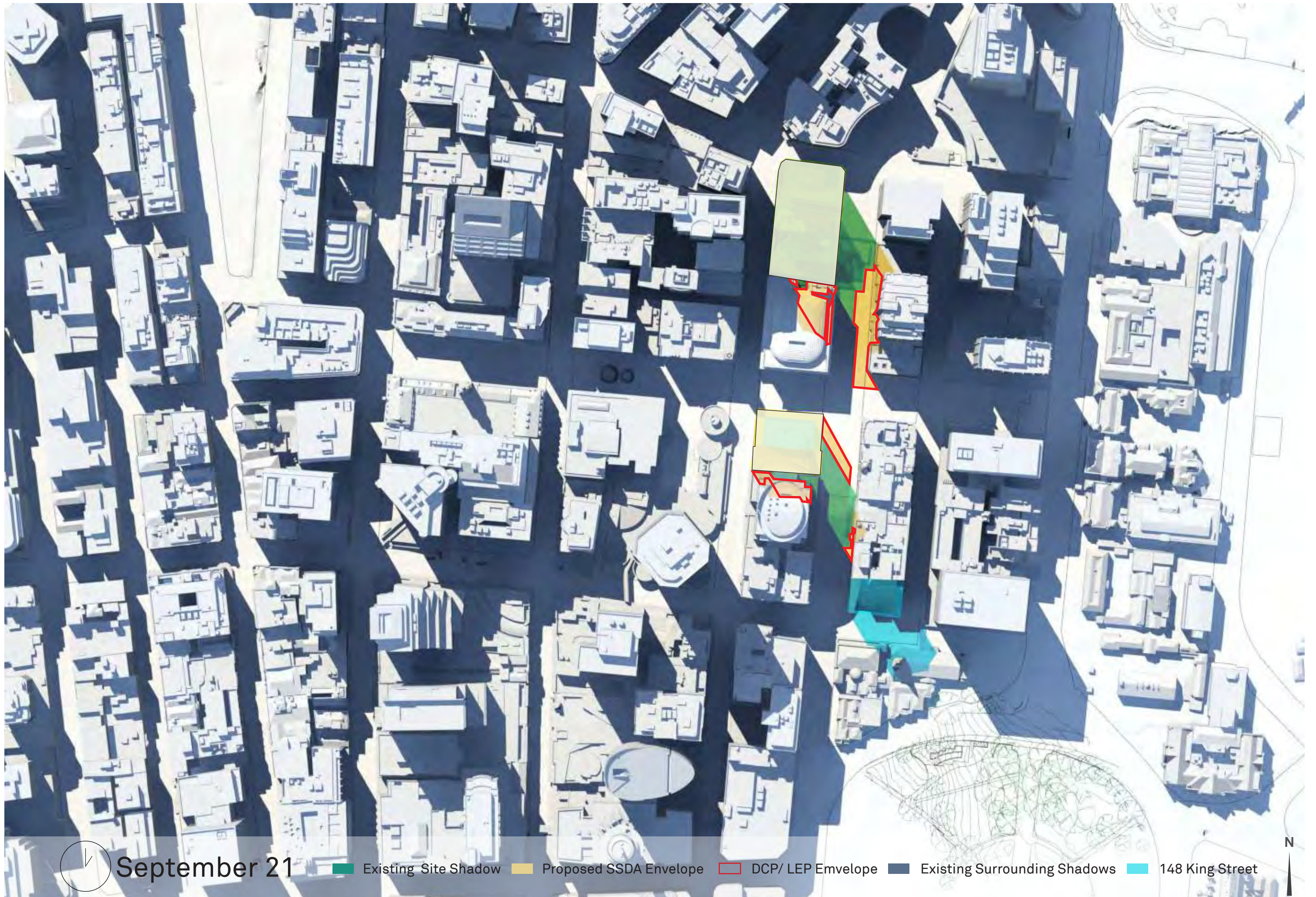




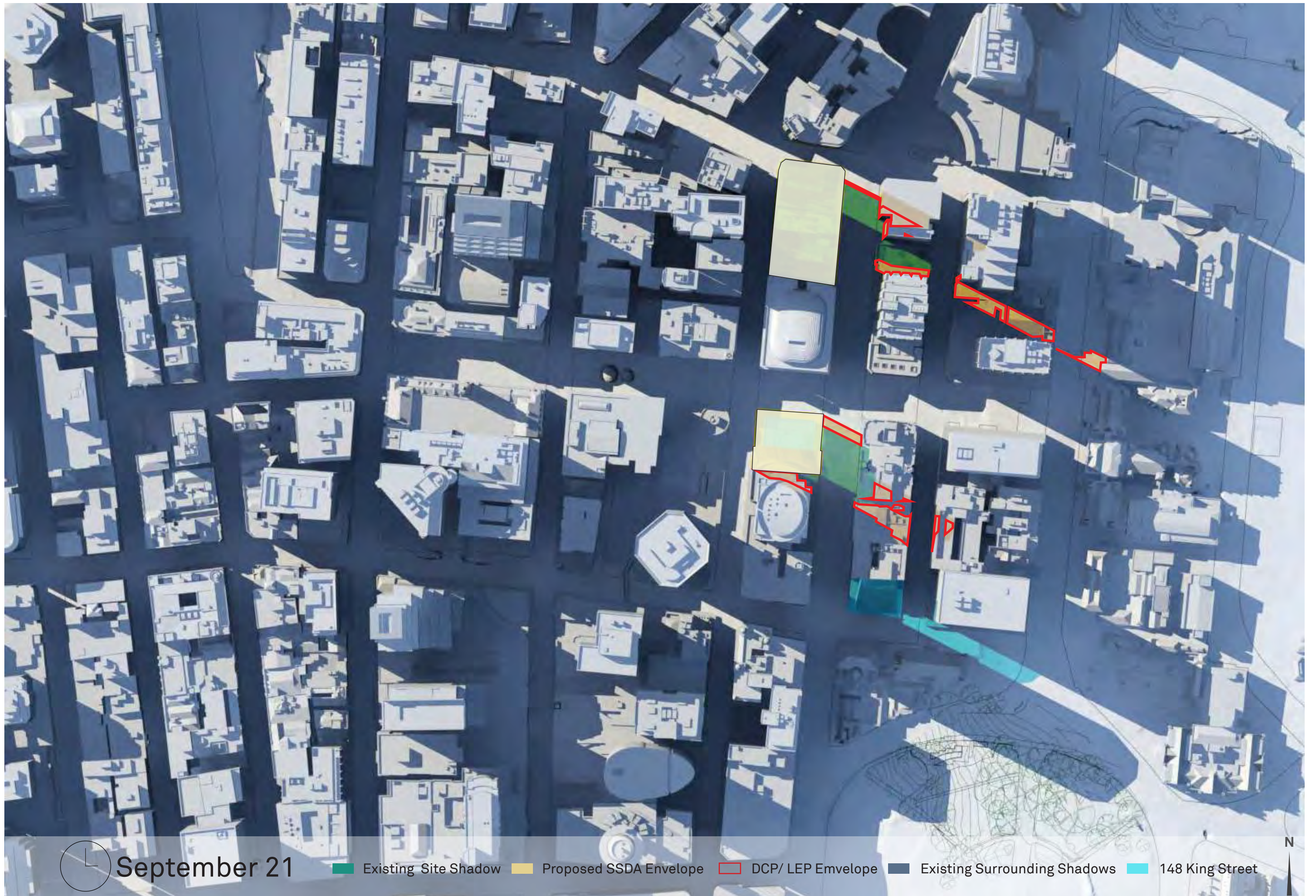
September 21

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Envelope Existing Surrounding Shadows 148 King Street









—






April 14
09:00_15:00



Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Emvelope Existing Surrounding Shadows 148 King Street



 April 14

 Existing Site Shadow  Proposed SSDA Envelope  DCP/ LEP Emvelope  Existing Surrounding Shadows  148 King Street





April 14

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Envelope Existing Surrounding Shadows 148 King Street



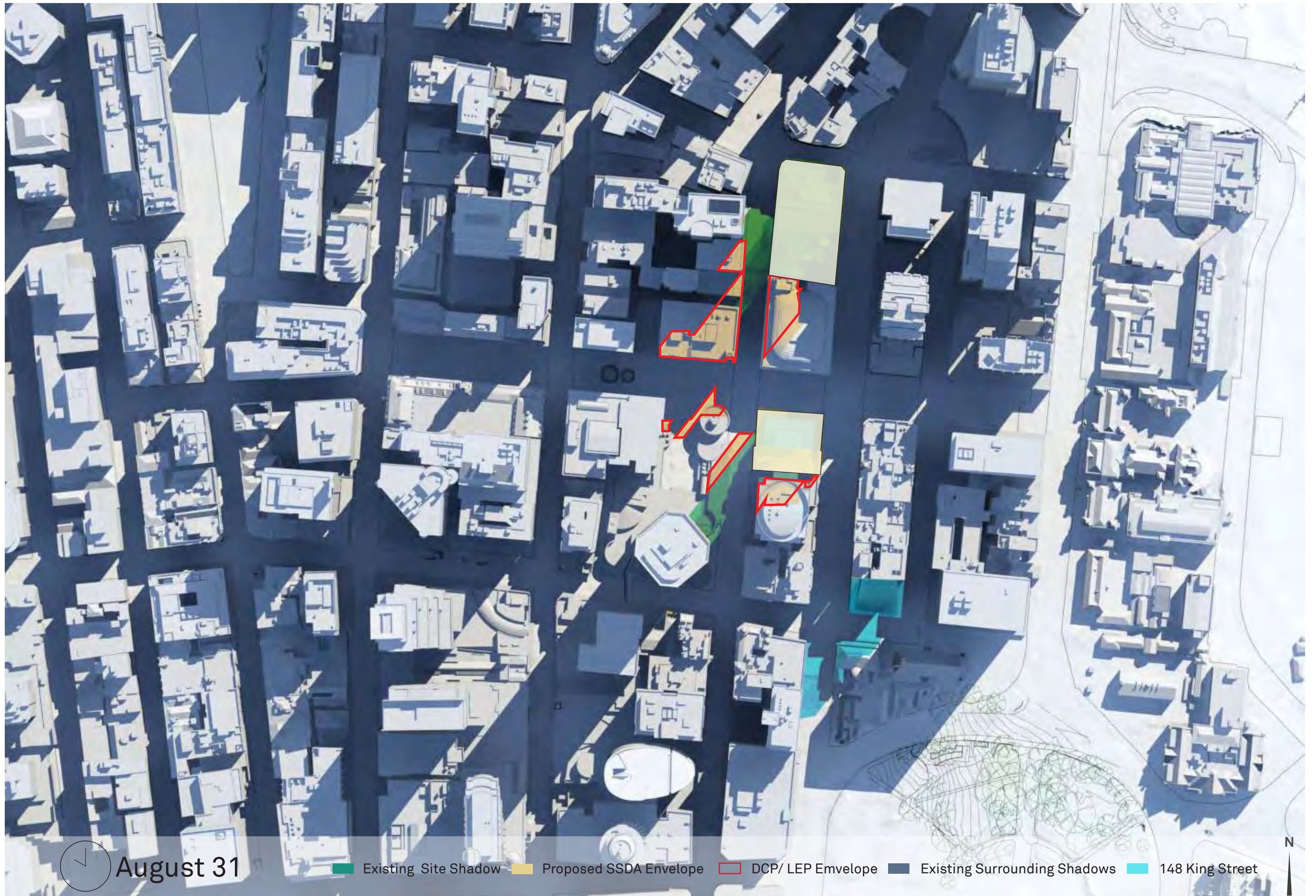




—

August 31
09:00_15:00



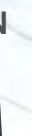


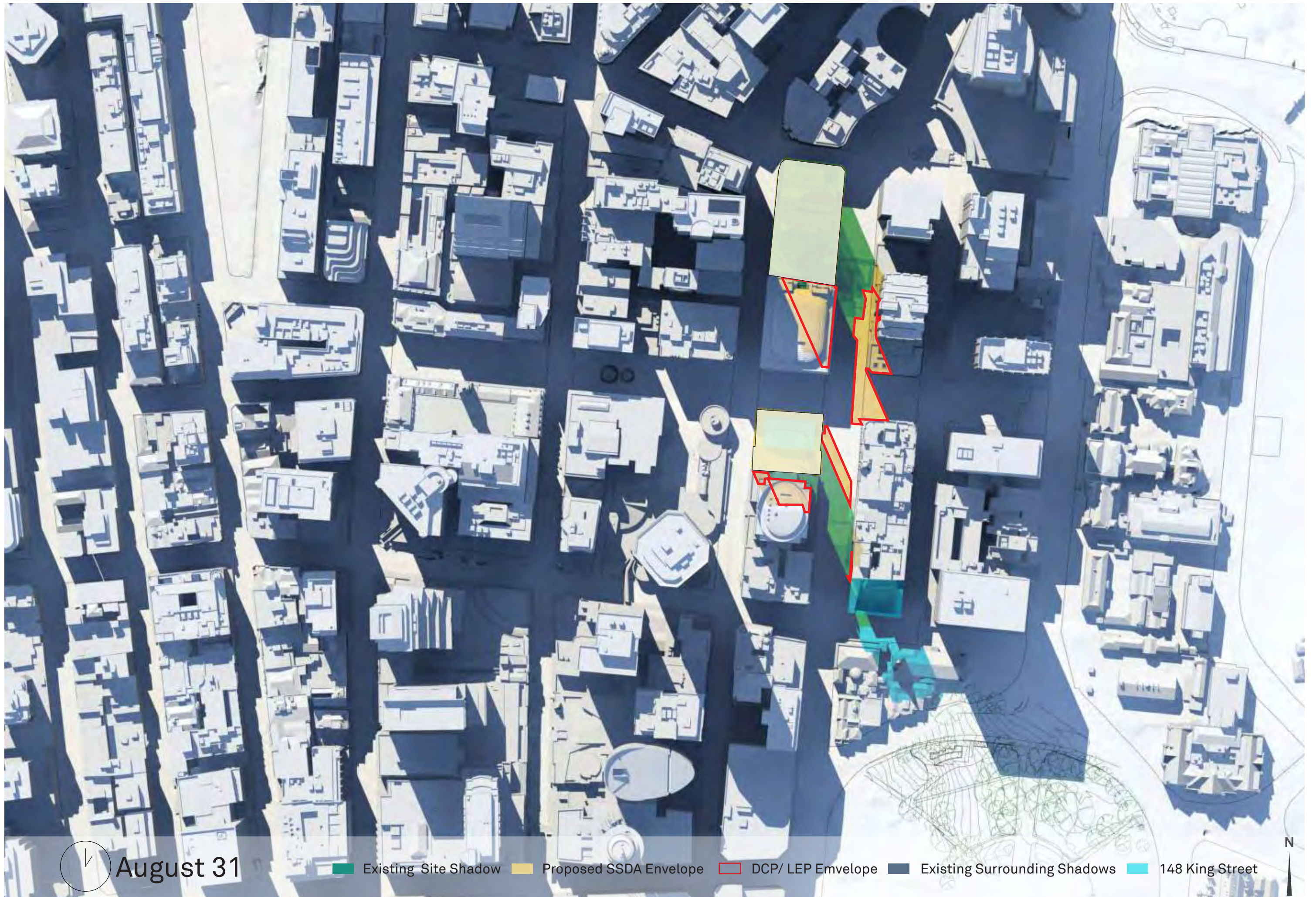




August 31

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Envelope Existing Surrounding Shadows 148 King Street







August 31

Existing Site Shadow Proposed SSDA Envelope DCP/ LEP Envelope Existing Surrounding Shadows 148 King Street

N

