Appendix A

Site Constraints

contents

1. Cycle network
2. Heritage setting
3. Heritage listings
4. Pedestrian and cycle access and circulation
5. Bradfield Park site analysis
6. Topography and levels

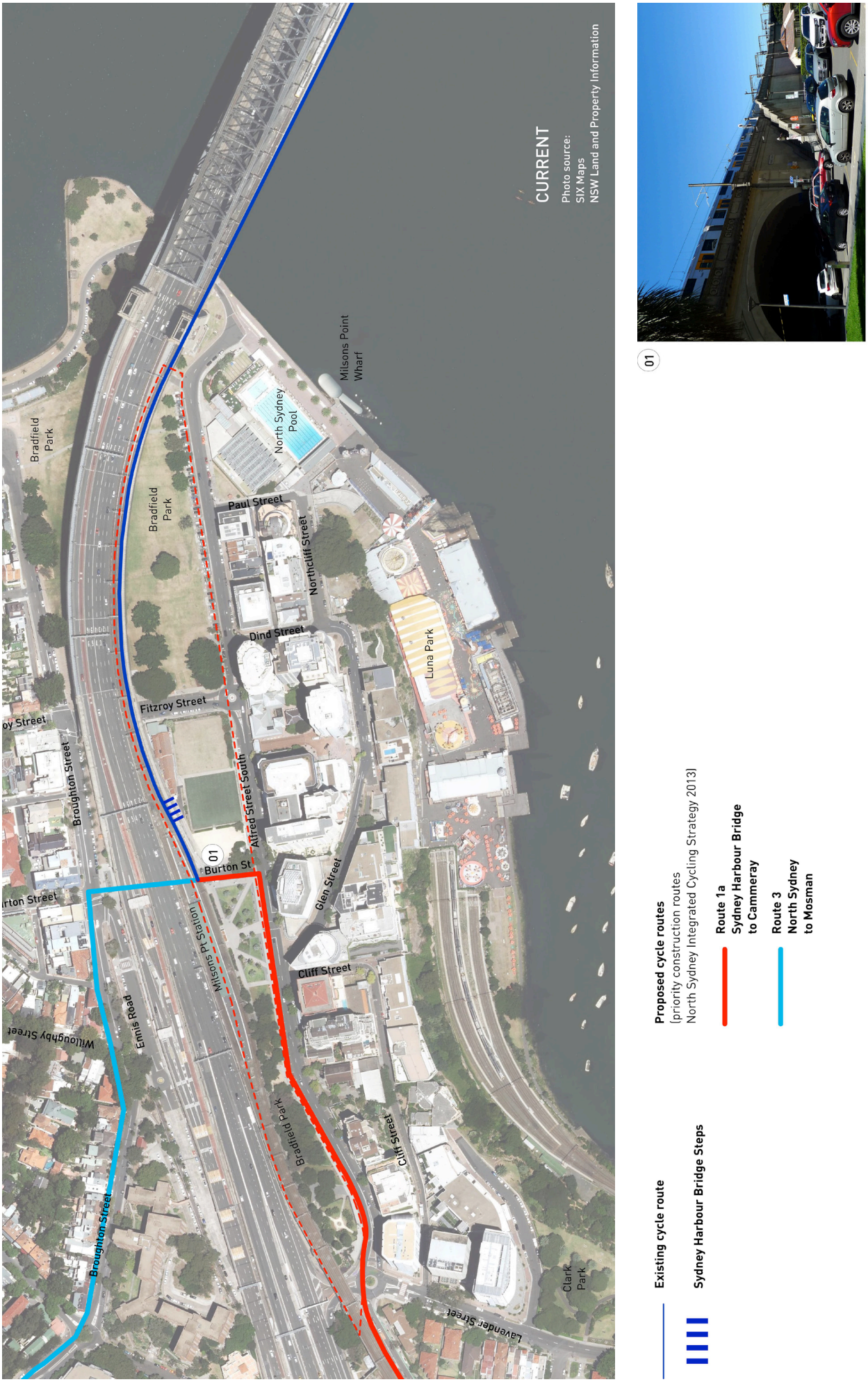


Figure A1: Cycle Network

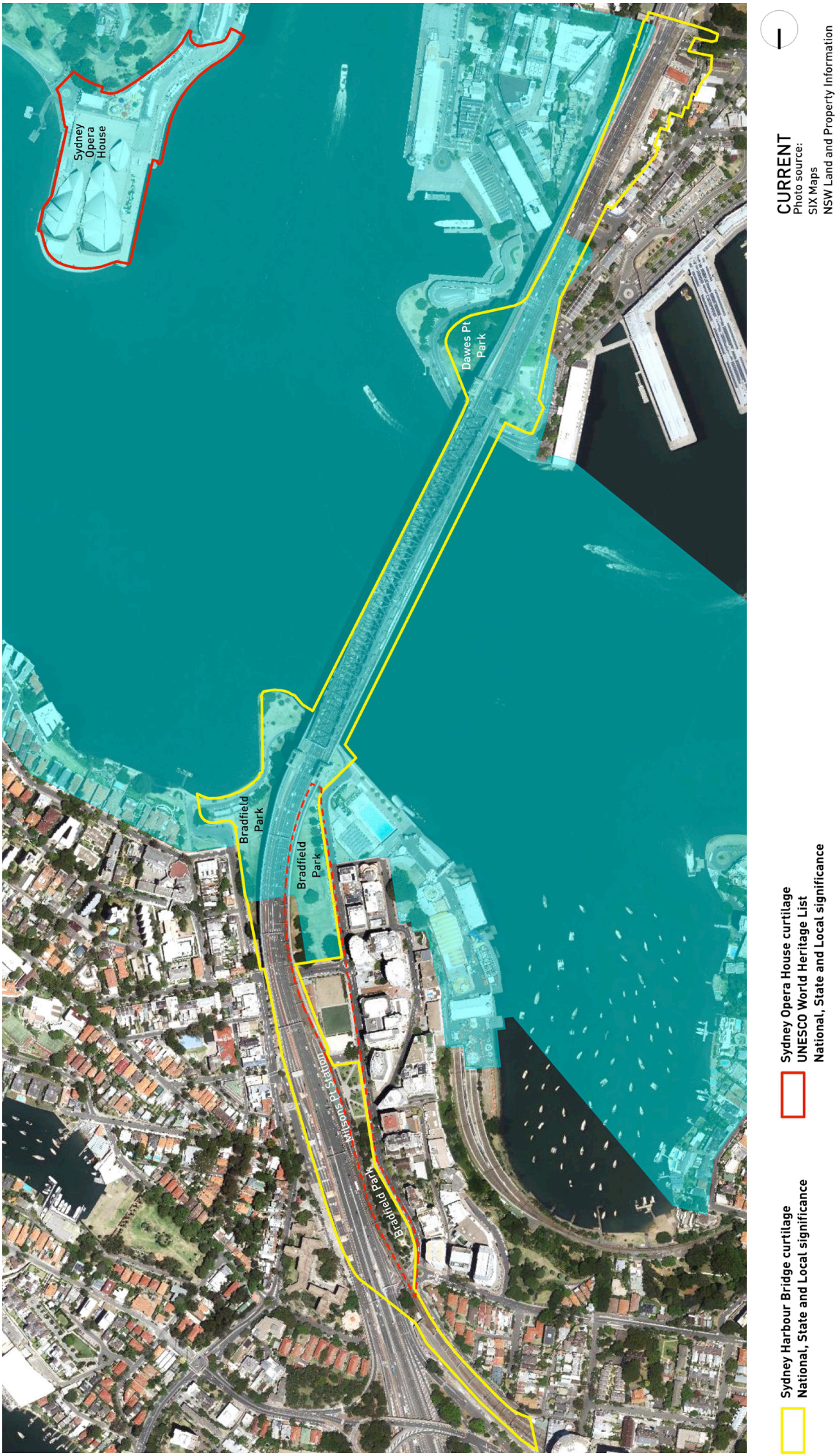
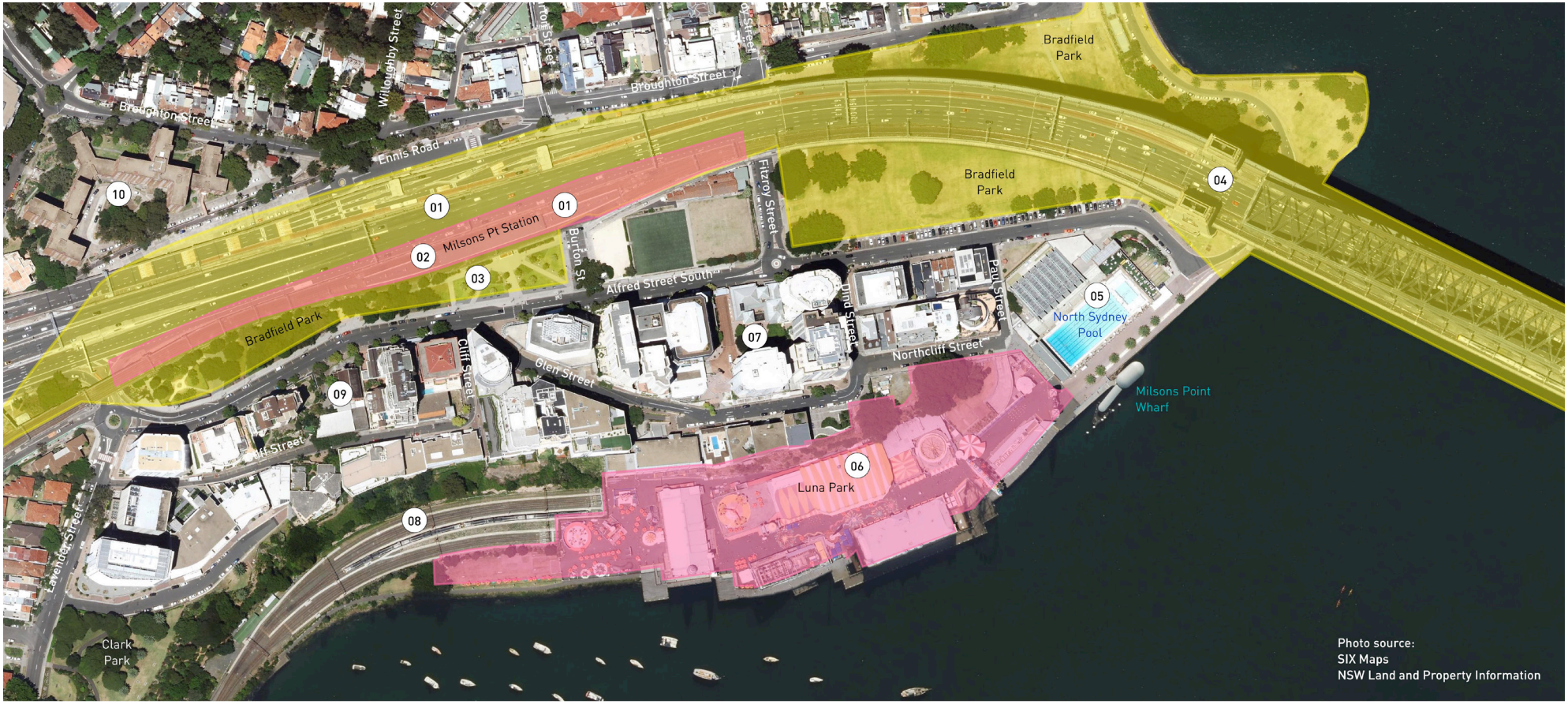


Figure A2: Heritage Setting

Figure A3: Heritage Listings



National heritage significance

Sydney Harbour Bridge, approaches and viaducts (road and rail) – 1932
SHR curtilage shown. The approaches include Bradfield Park and Dawes Point Park.

Heritage listings:
– National Heritage List
– NSW State Heritage Register
– North Sydney LEP

Non-statutory listings:
– National Trust of Australia register
– Register of the National Estate

State heritage significance

(01) Milsons Point Railway Station group – 1932
Includes platform, station building, station entrances, concourse, walls and abutments and Burton Street underbridge. Historical photographs from the station construction in 1932 indicate that the decorative awning for the Alfred Street station entrance is original.

Heritage listings:
– NSW State Heritage Register
– North Sydney LEP

(02) Luna Park precinct
SHR curtilage shown.
Includes Entrance Face and Towers, Crystal Palace, Coney Island, Alfred Street Entrance, Wild Mouse, and sandstone cliff.

Heritage listings:
– NSW State Heritage Register
– North Sydney LEP

Non-statutory listings:
– National Trust of Australia register
– Register of the National Estate

North Sydney LEP 2013

Heritage Items

01 Sydney Harbour Bridge approach viaducts, arches and bays under Warringah Freeway
02 Milsons Point Railway Station group
03 Bradfield Park
04 Sydney Harbour Bridge north pylons
05 North Sydney Olympic Pool
06 Luna Park
07 Camden House
08 Lavender Bay Railway Line
09 Chinese Christian Church
10 Greenway Flats

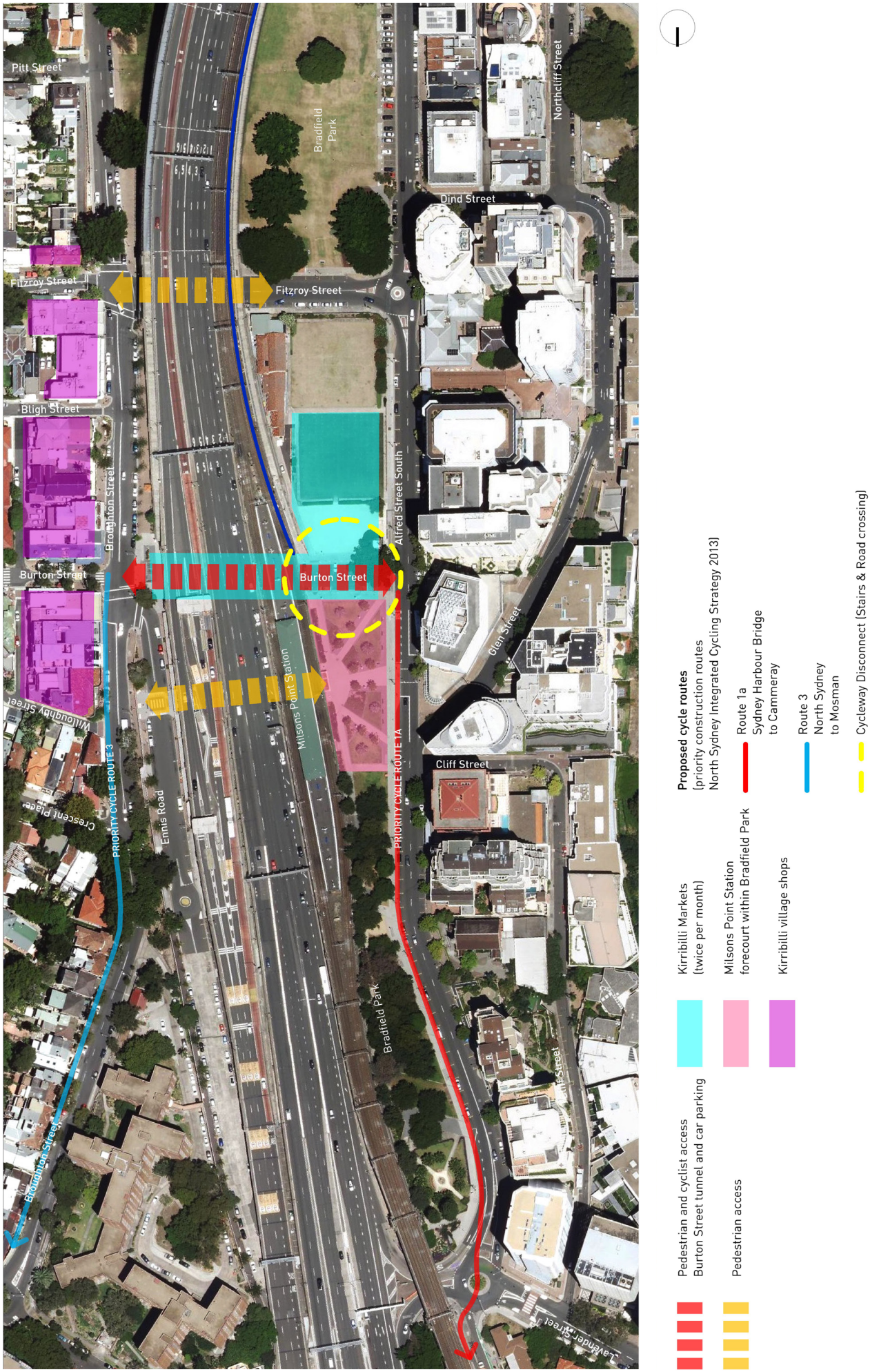
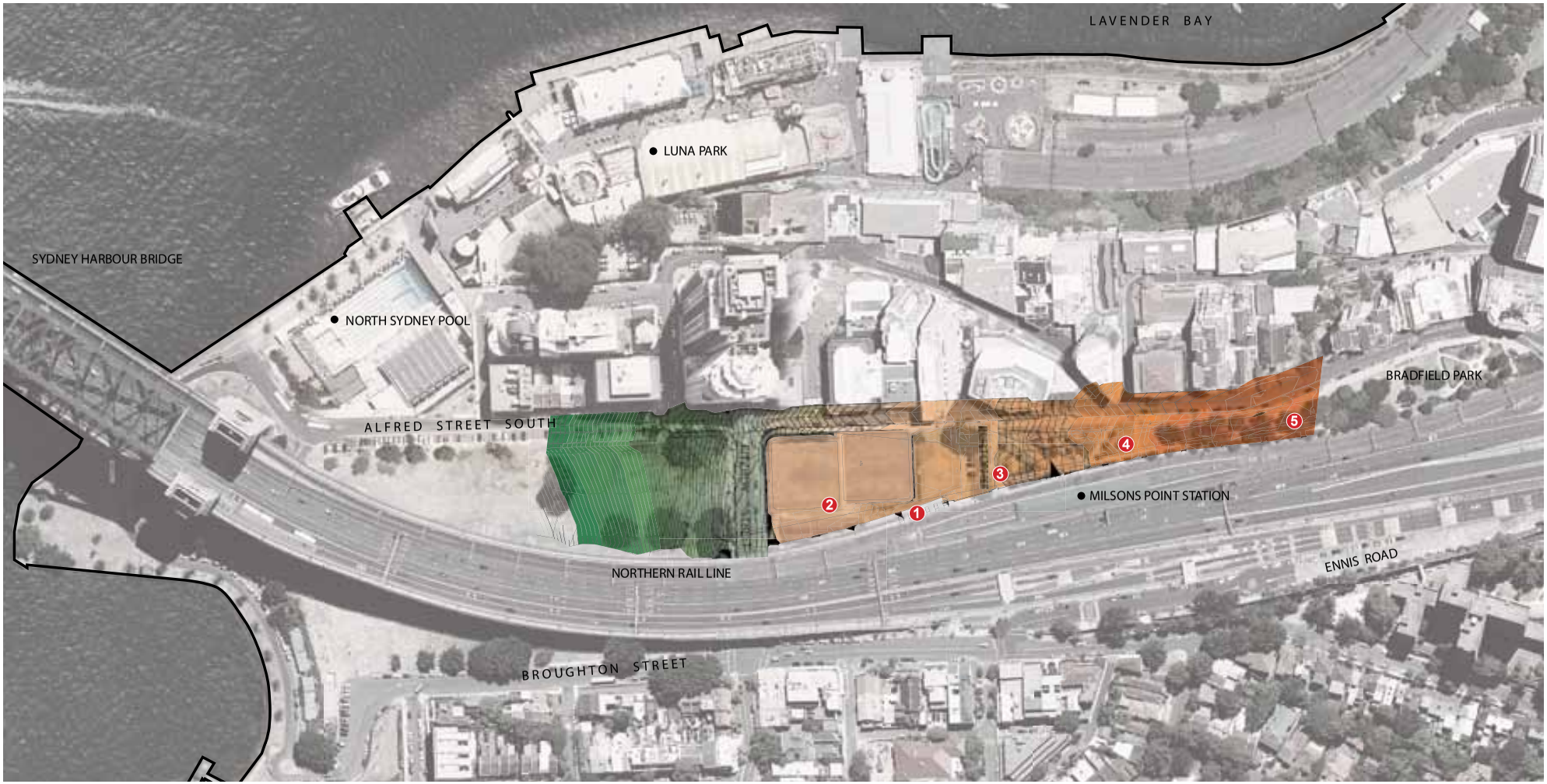


Figure A4: Pedestrian and Cycle Access and Circulation

Figure A5: Bradfield Park Site Analysis

Figure A6: Topography and Levels *(source: Government Architect's Office 2012)*



LEVEL CHANGE

Level change varies from 11.5m to 4.3m depending on the option:-

1. Bridge deck (top of stairs): RL 42.54
2. Kirribilli Neighbourhood Centre: RL 32.00
3. Burton Street: RL 33.57
4. Bradfield Park North opposite Cliff Street: RL 37.20
5. Opposite the 'kink' in Alfred Street South: RL 38.80

DESIRABLE GRADIENTS

(Based on Austroads Guide to Road Design)

- 3% (1:33) for general cycleways
- 2% (1:50) for lengths >200m
- max 12% (1:8) for lengths <8m

KEY

HIGH ELEVATIONS

LOW ELEVATIONS

NOT TO SCALE

simm