URBAN DESIGN STUDY

1 KELLICAR ROAD

MACARTHUR

JULY 2023

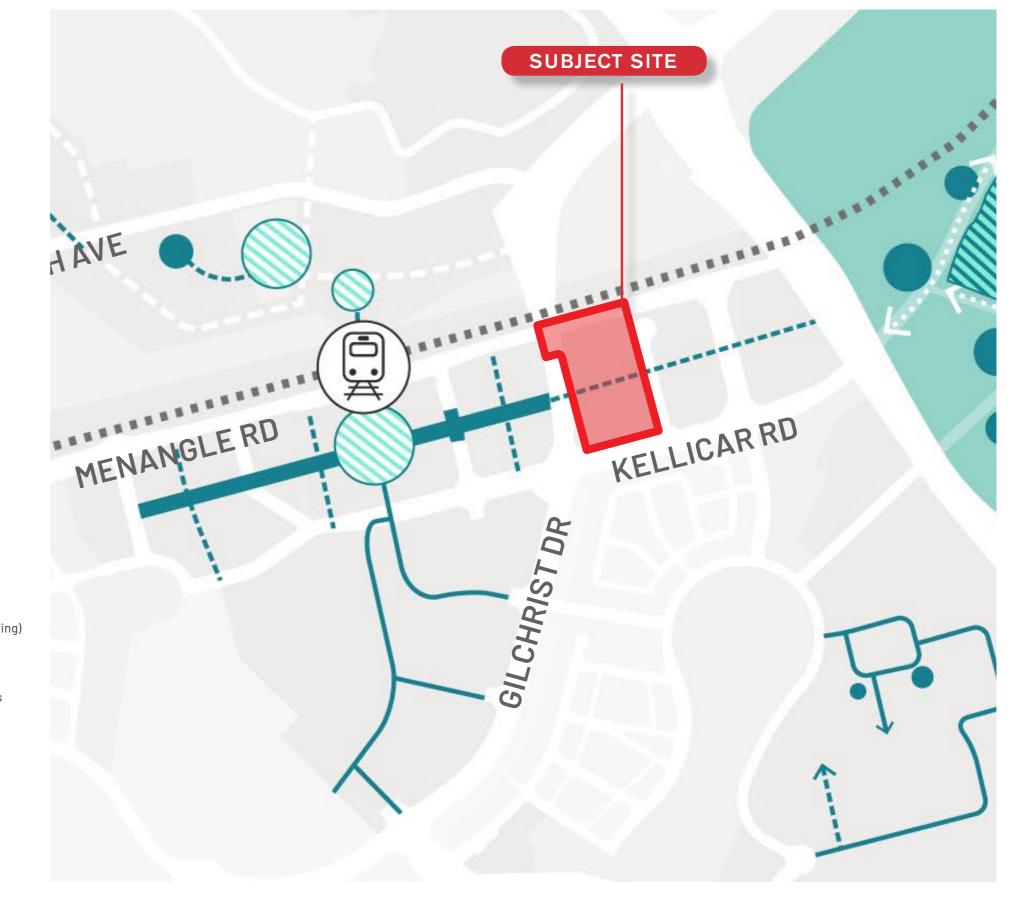
]KOULUS AVJennings



CONTEXT ANALYSIS LOCAL CONTEXT



PRECINCT OPPORTUNITIES | WAYS TO ACTIVATE ARCADES - NETWORK OF VARIED URBAN



LEGEND

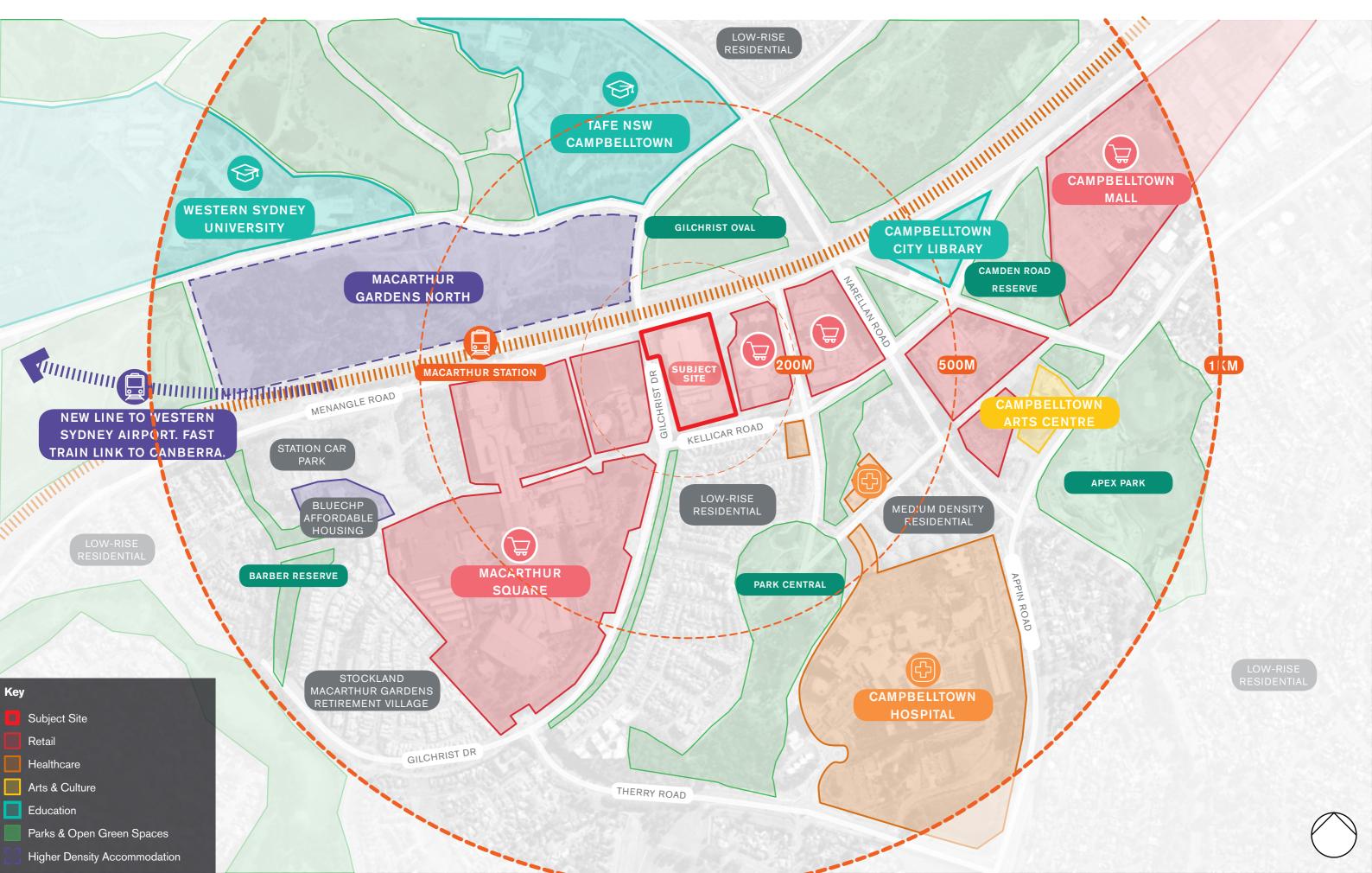


Fine grain connections (potential)

Arcades



CONTEXT ANALYSIS LOCAL CONTEXT



CONTEXT ANALYSIS **MICRO CONTEXT - CONSTRAINTS**

Constraints:

(2

4

5

6

The three sides of the site surrounded by Gilchrish Drive, Kellicar Road and Menangle Road, which are major transport corridors. These corridors gnerate considerable noise, visual and air pollution.

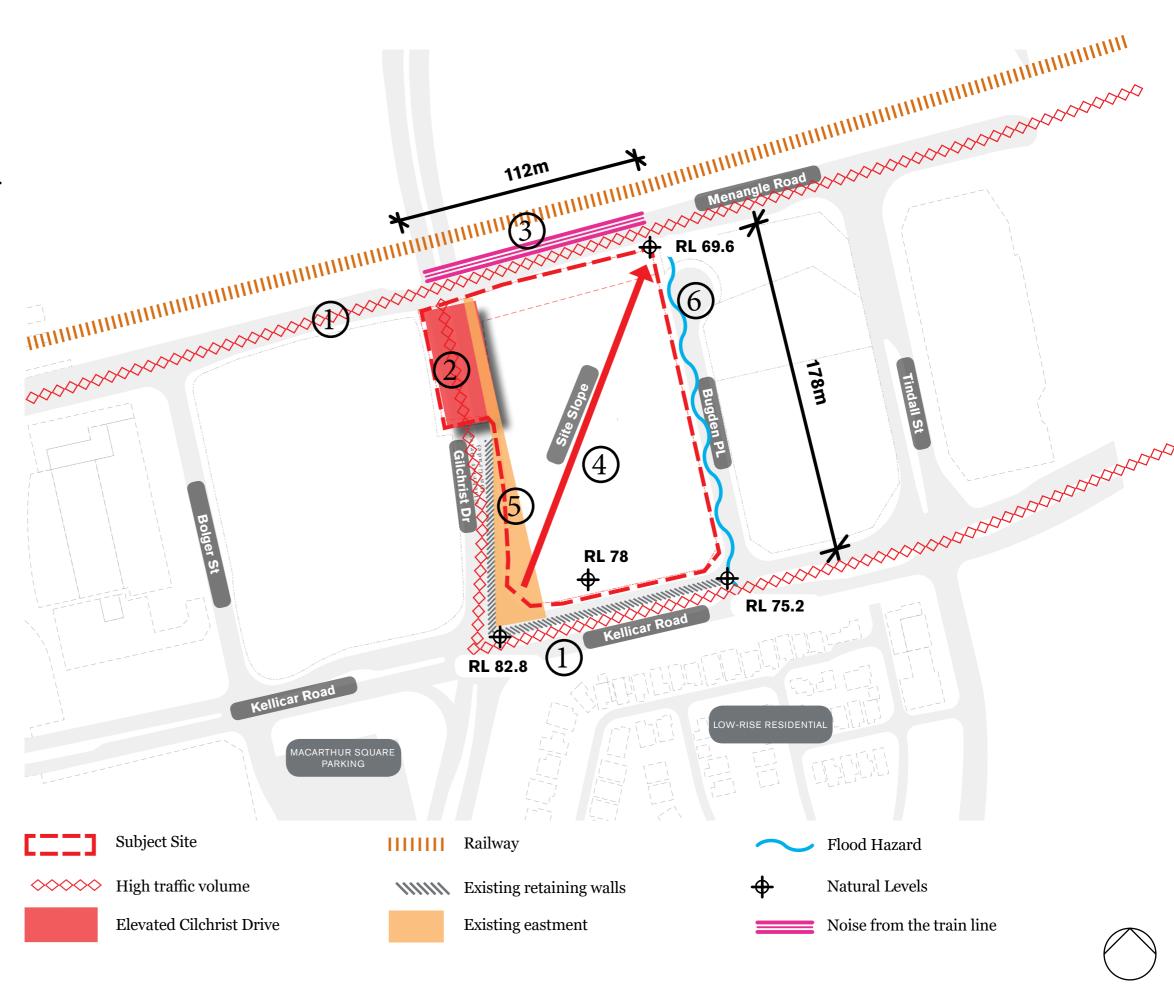
Gilchrist Drive elevated approx. 12m above the ground to North west corner of the site. This situation is limited pedestrian link and movement.

Noise issue from the train line on the 3 north of the site.

Significant cross-fall of 13 meters.

There are significant embankment and easement along Gilchrist Drive.

Flood hazard along Bugden Place





CONTEXT ANALYSIS **EXISTING SITE CONDITIONS**

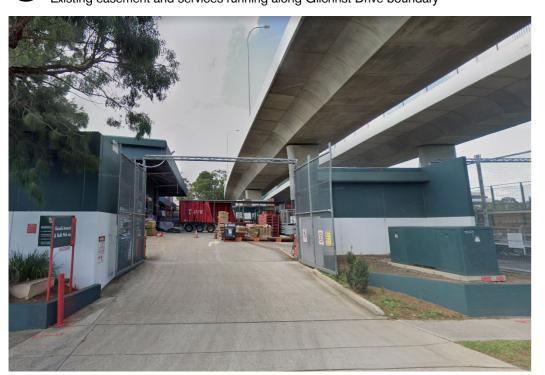


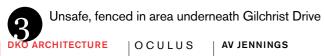


Steep level change between Gilchrist Drive and subject site Busy 4 lane road, heavy traffic Existing easement and services running along Gilchrist Drive boundary



Intersection of the busy 4 lane Kellicar Road to the quiet 2 lane Bugden Place Less traffic along Bugden Place due to cul de sec



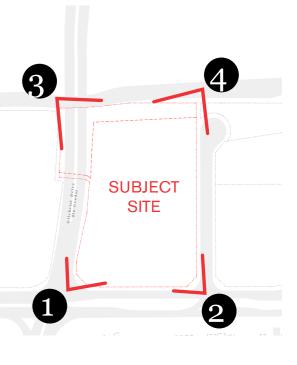




Menangle Road has no direct link to Bugden Place Runs adjacent to the train line







1 KELLICAR ROAD MACARTHUR

CONTEXT ANALYSIS **BROADER WESTERN CONTEXT**



1. Carpark for Macarthur Tavern



2. Carpark for Macarthur Square - Interface off Bolger St



3. Carpark interface off Menangle Road. Macarthur Station ahead.



4. Macarthur Square entry



6. South Western Sydney Primary Health Network

OCULUS | AV JENNINGS

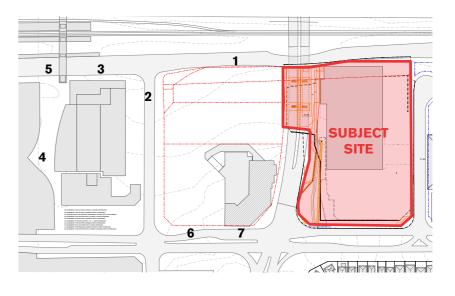
DKO ARCHITECTURE



7. The Macarthur Tavern



5. Stairs off Menangle Road to Macarthur Square and Station



CONTEXT ANALYSIS **BROADER EASTERN CONTEXT**



1. Existing commercial and restaurant tenancies along Bugden Place



3. Shopping Mall off Tindall St



2. Kickin' Inn Restaurant corner of Kellicar Road and Bugden Place



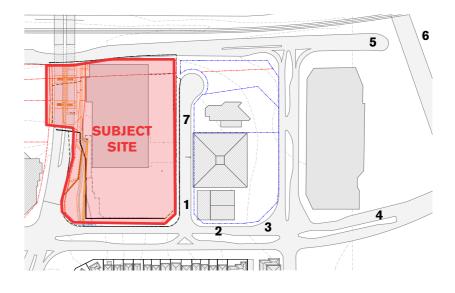
4. Marketfair Campbelltown Shopping Mall off Kellicar Road



7. Commercial Tenancy off Bugden Place



5. Narallen Road undercroft area





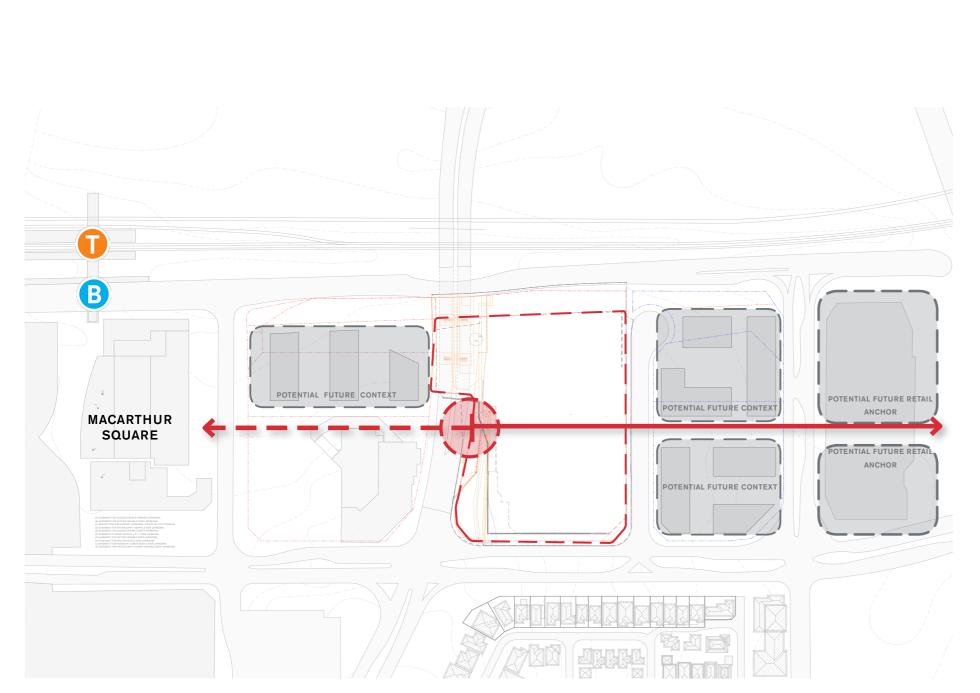
6. Proposed GenesisCare Development

DKO ARCHITECTURE

OCULUS AV JENNINGS



1 KELLICAR ROAD MACARTHUR

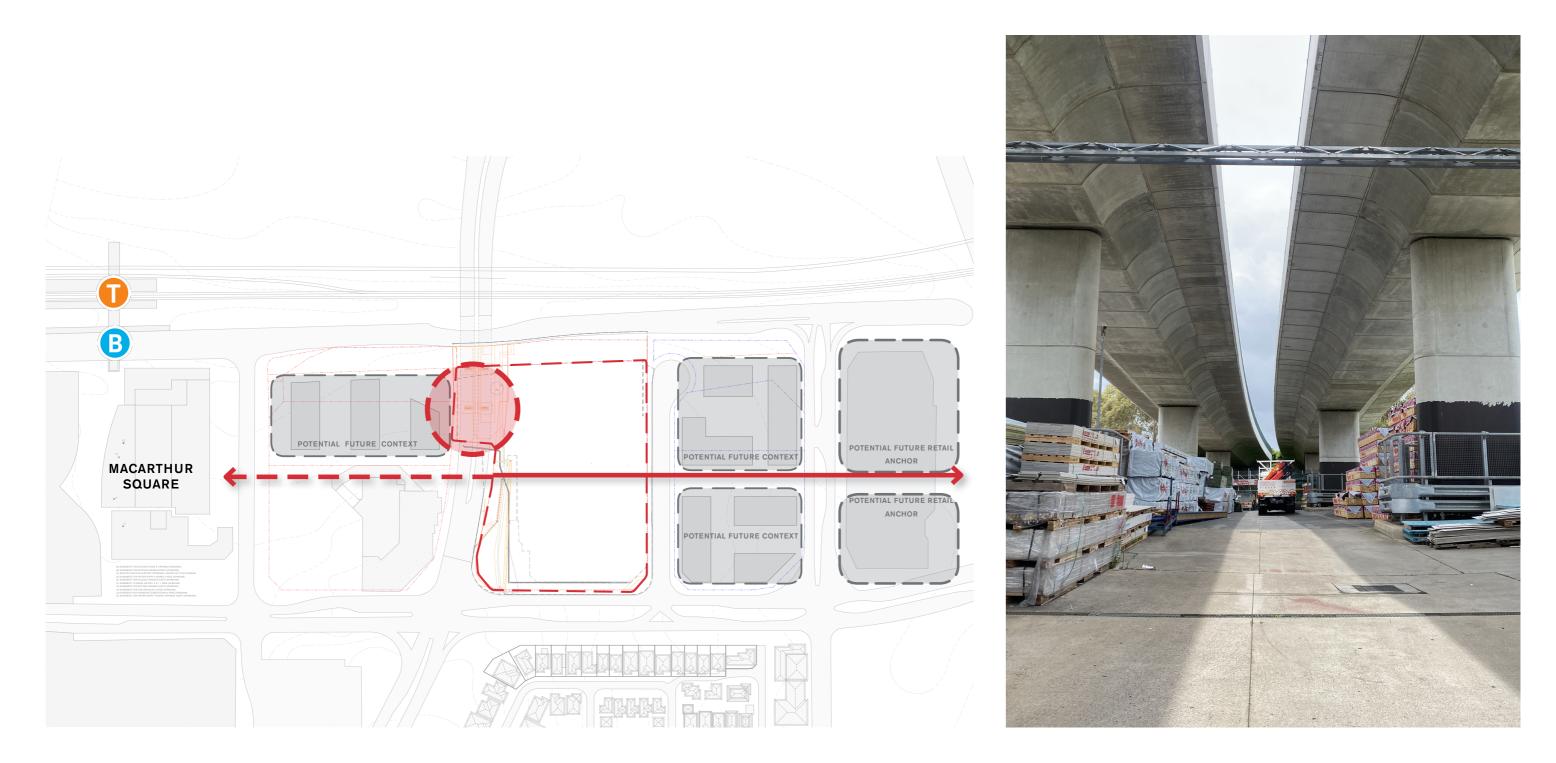




DKO ARCHITECTURE AV JENNINGS OCULUS

LEVEL DIFFERENCE ALONG EAST/WEST LINK GILCHRIST DRIVE INTERFACE TO SUBJECT SITE

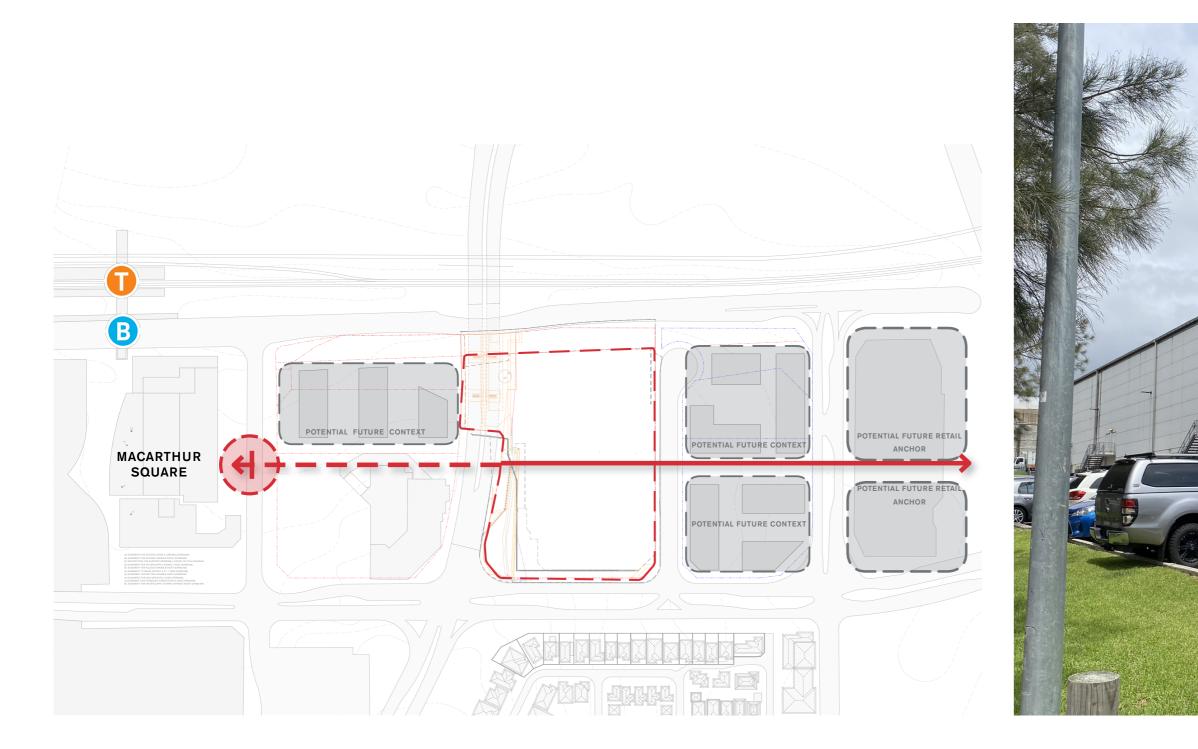
1 KELLICAR ROAD MACARTHUR



DKO ARCHITECTURE OCULUS AV JENNINGS

CURRENT UTILISATION OF THE UNDER SIDE OF GILCHRIST DRIVE

1 KELLICAR ROAD MACARTHUR

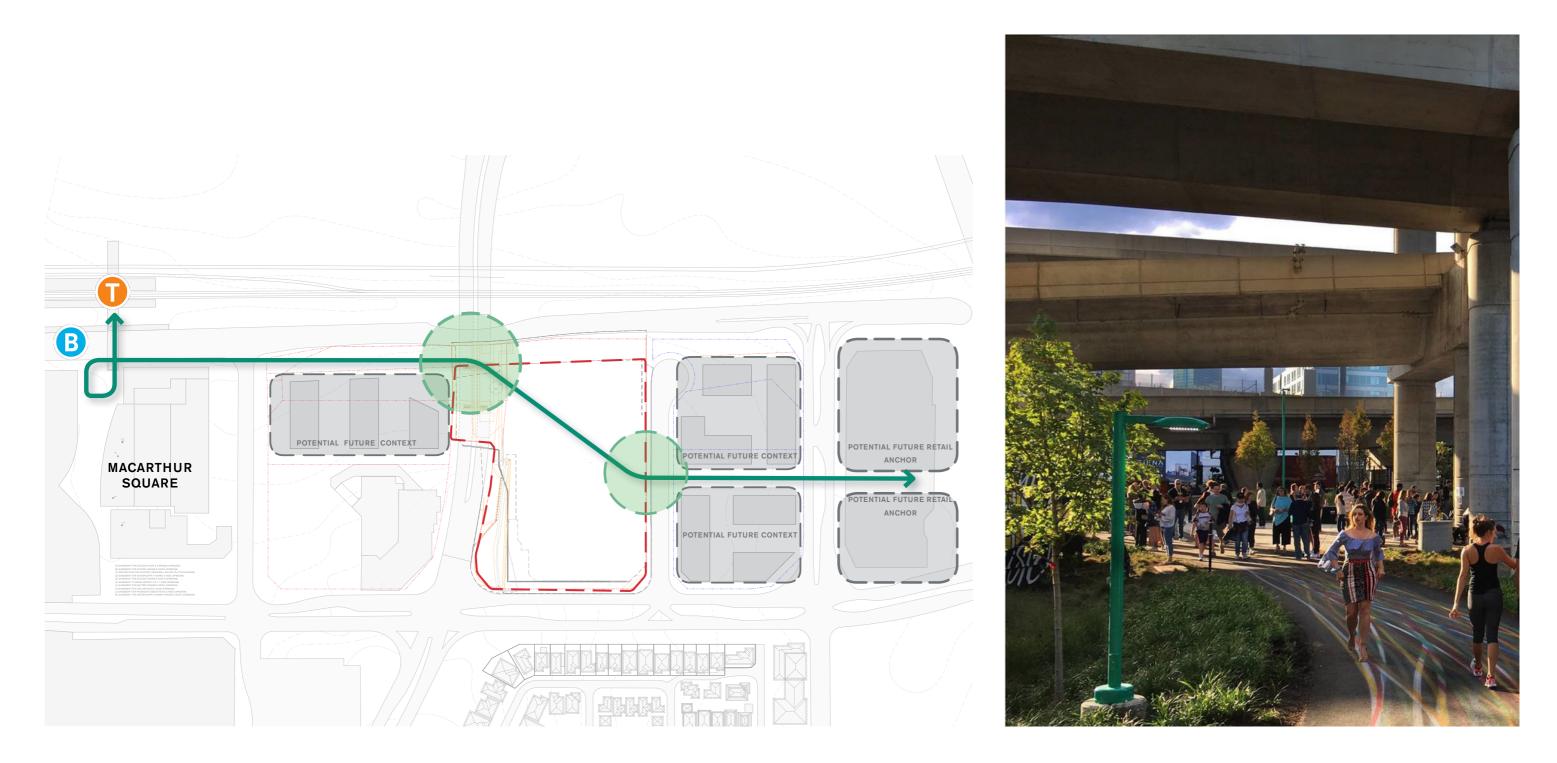


DKO ARCHITECTURE | O C U L U S AV JENNINGS



BOH AND CARPARK INTERFACE AT THE END OF EAST/WEST LINK

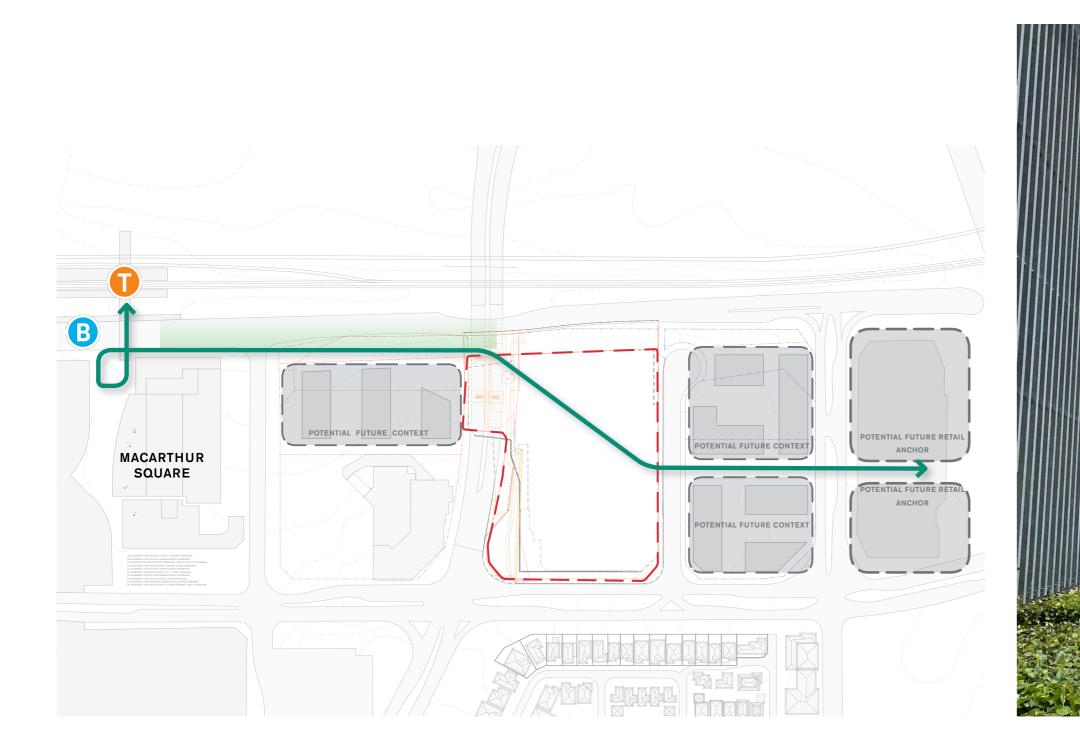
1 KELLICAR ROAD MACARTHUR



DKO ARCHITECTURE | O C U L U S | AV JENNINGS

NODAL POINTS PROVIDING GATHERING OPPORTUNITIES

1 KELLICAR ROAD MACARTHUR

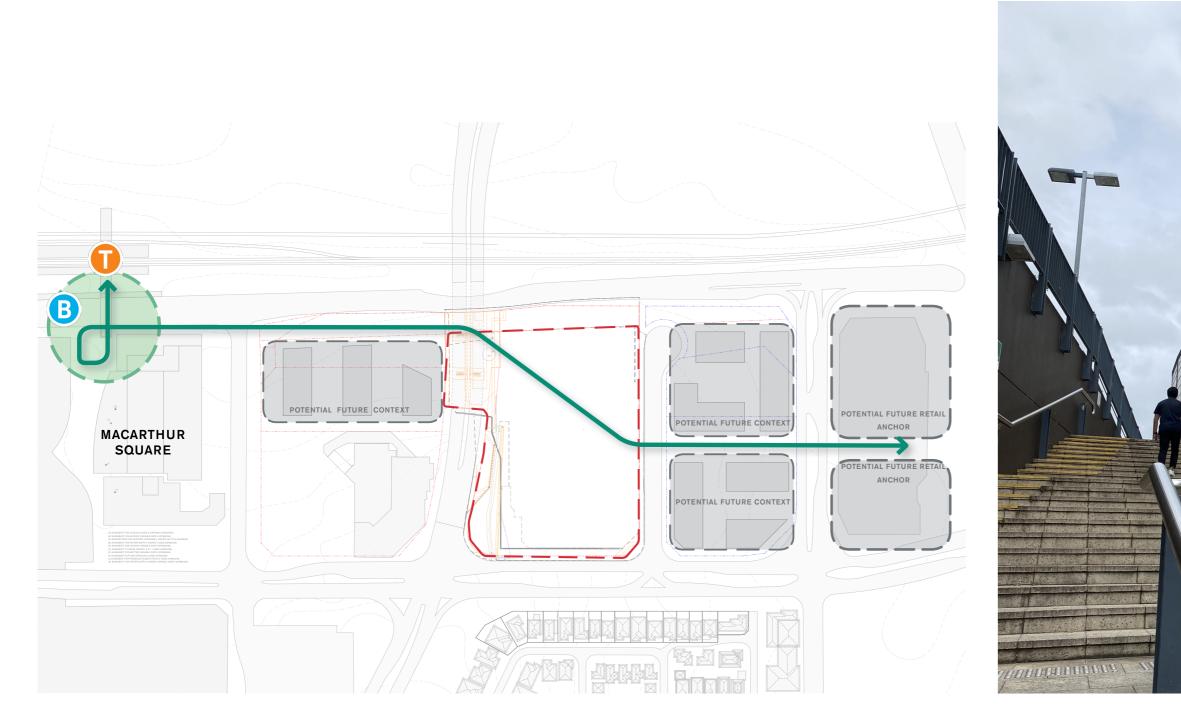


DKO ARCHITECTURE OCULUS AV JENNINGS



TRAIN STATION IN LINE OF SIGHT

1 KELLICAR ROAD MACARTHUR





EXISTING PEDESTRIAN ENTRY TO MACARTHUR SQUARE OFF MENANGLE ROAD

1 KELLICAR ROAD MACARTHUR

CONTEXT ANALYSIS **MICRO CONTEXT - OPPORTUNITIES**

Opportunities:



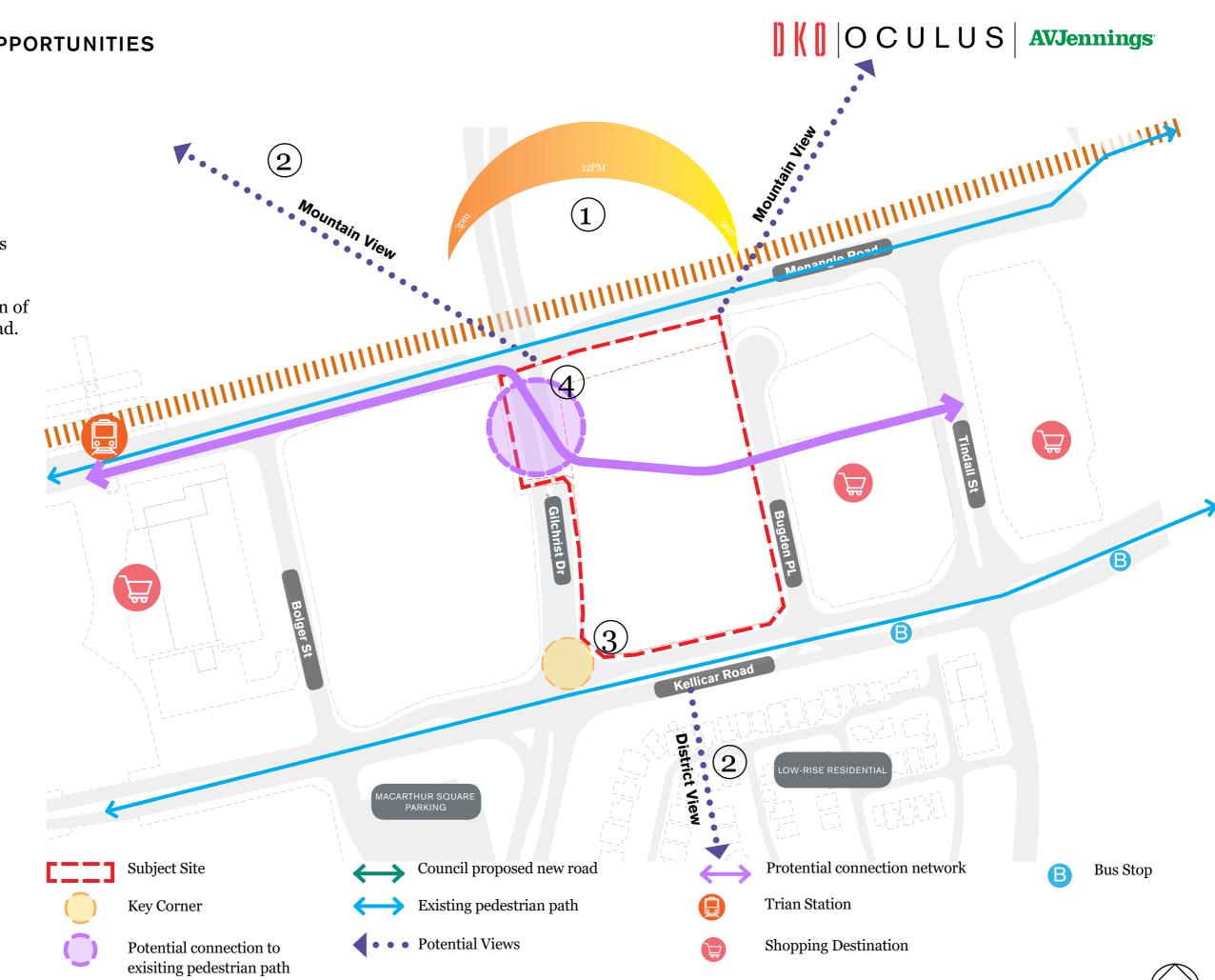
(2

North-South orientation.

Mountain views towards the North. District views towards the South.

Key corner at the intersection of Gilchrist Dr and Kellicar Road. 3

Potential Through-site link between destinations. 4



CONTEXT ANALYSIS **HIERARCHY OF ROADS**

MENANGLE ROAD

- Busy 2 lane road, heavy traffic
- Adjacent to train line
- Future road widening with dedicated bus lane
- On street parking available

GILCHRIST DRIVE

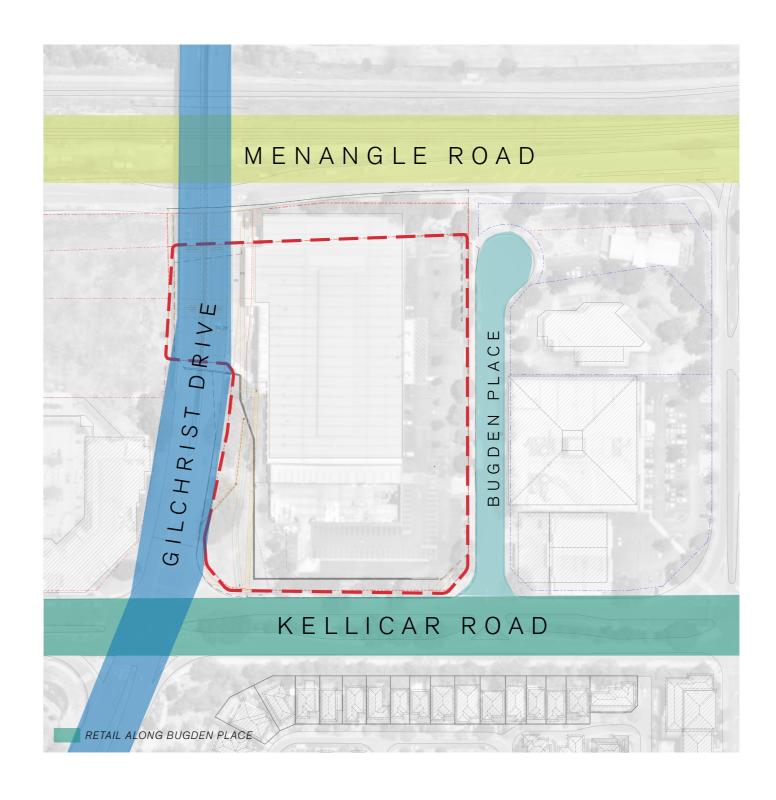
- Busy 4 lane road, heavy traffic
- Gateway road into Campbelltown
- No street parking

KELLICAR ROAD

- Busy road, heavy traffic
- 4 lane road with median vegetation strip

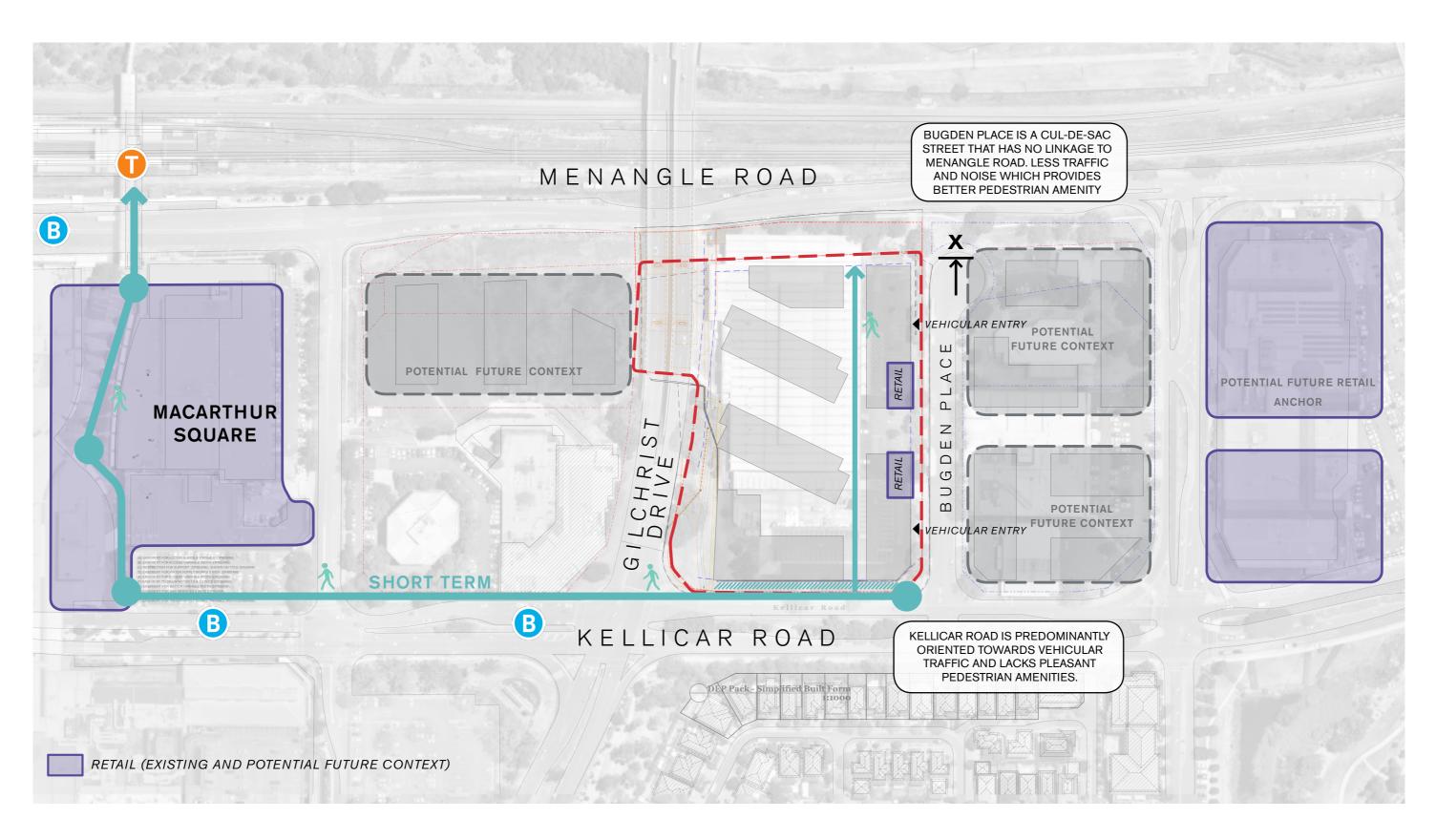
BUGDEN PLACE

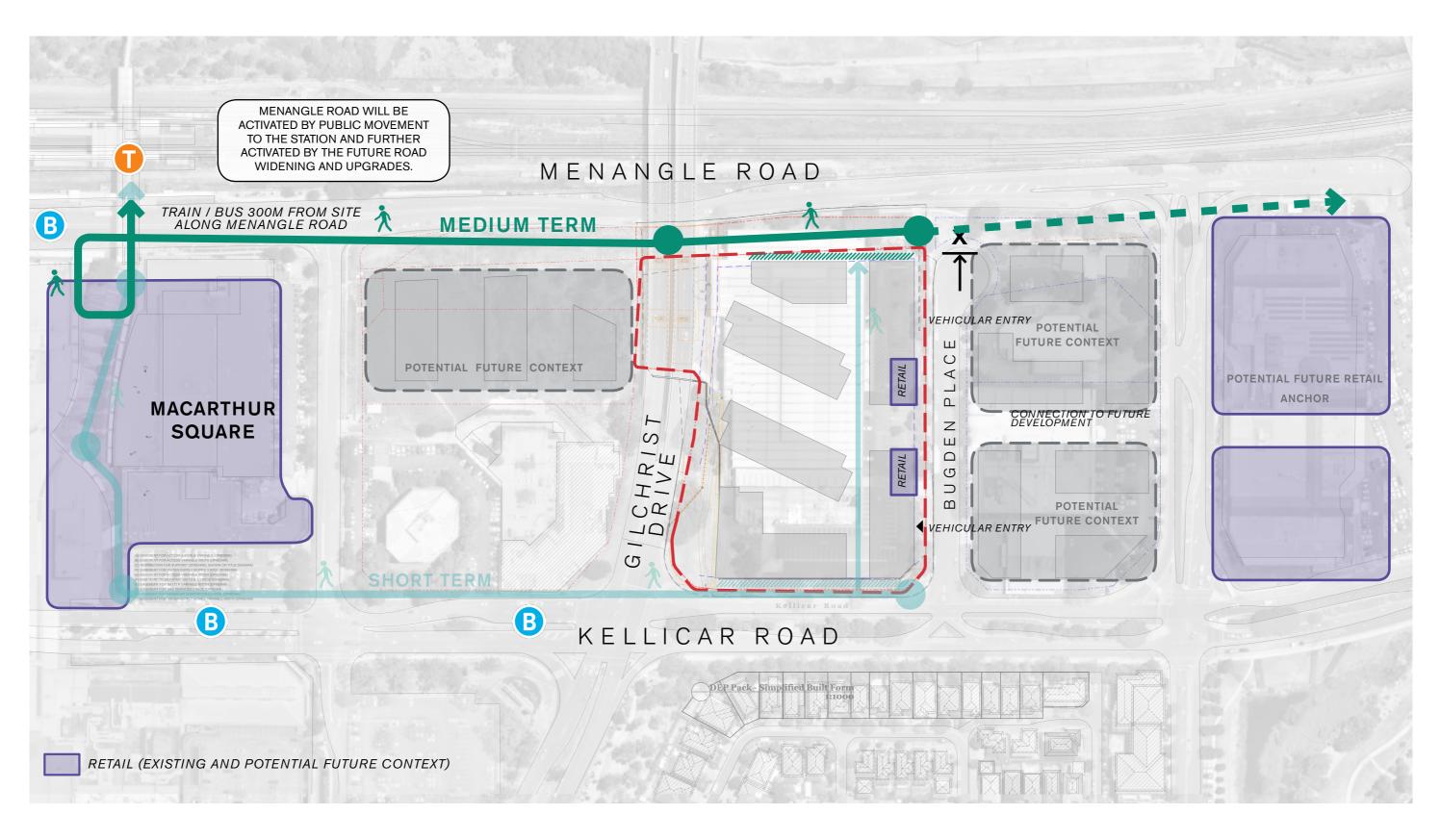
- Bugden Road is a cul de sac, vehicular traffic not as heavy as Menangle Road, Gilchrist Drive and Kellicar Road
- Better pedestrian amenity
- 2 lane road
- On street parking





1 KELLICAR ROAD MACARTHUR

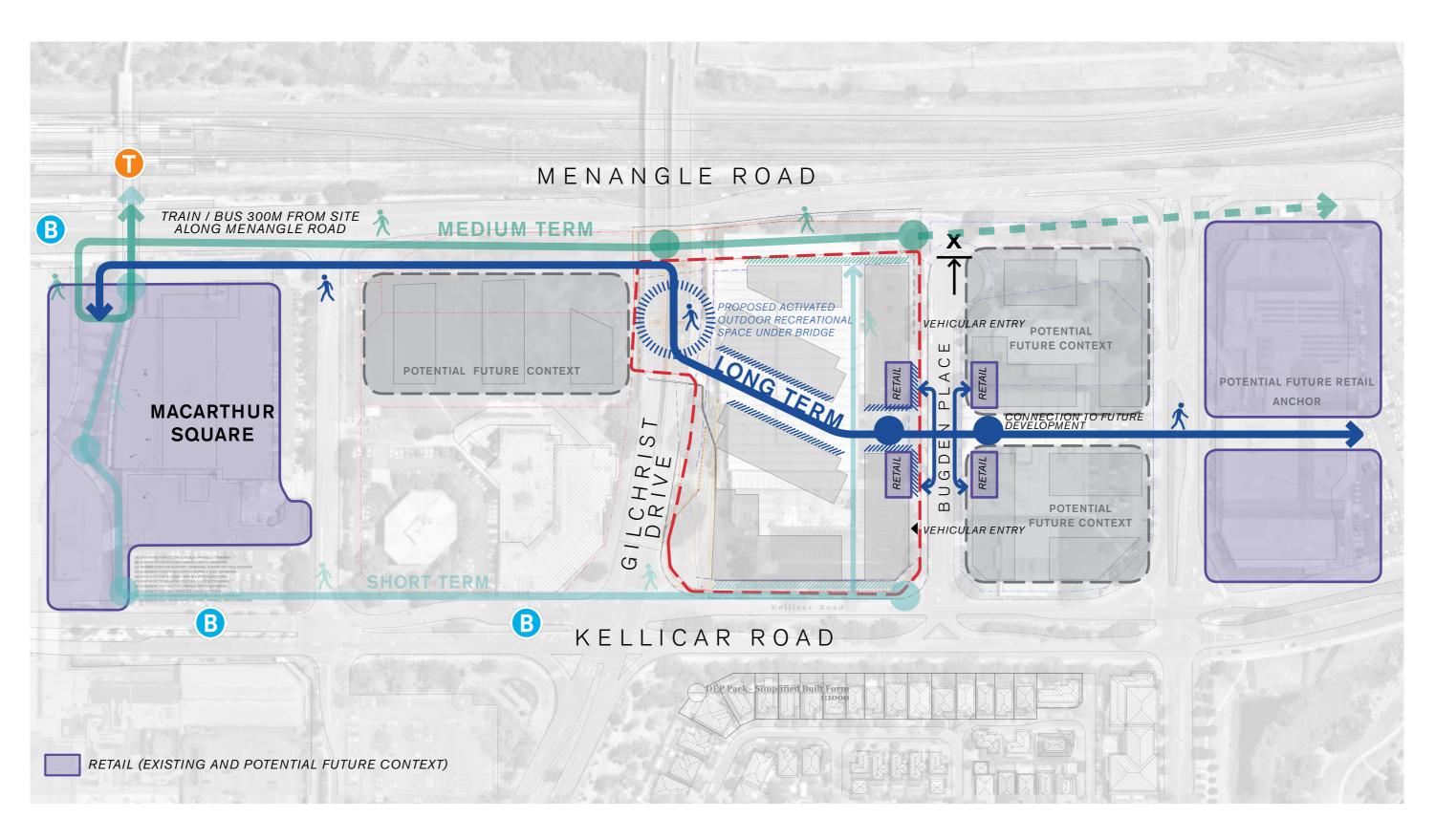




DKO ARCHITECTURE | O C U L U S | AV JENNINGS

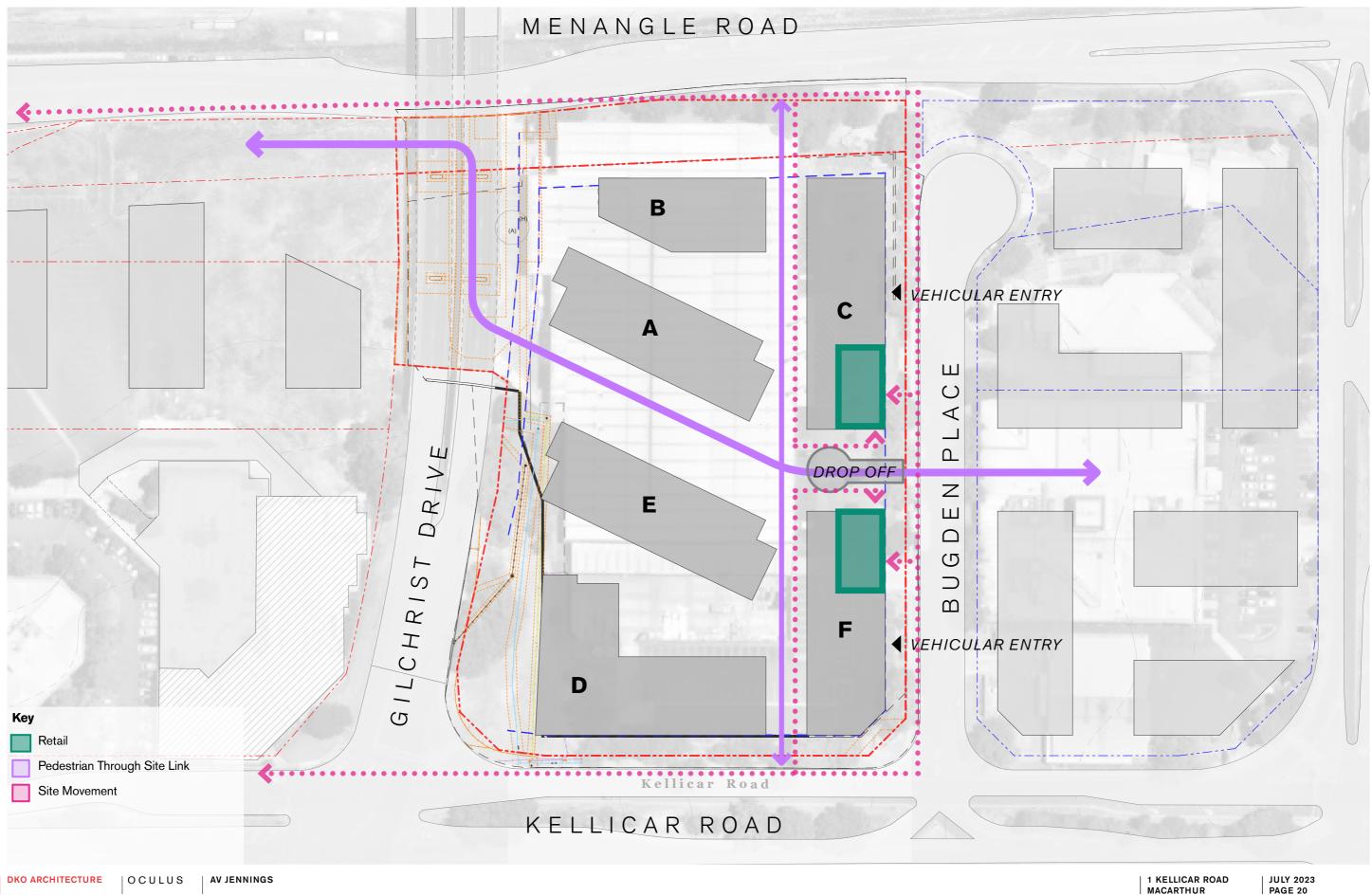
1 KELLICAR ROAD

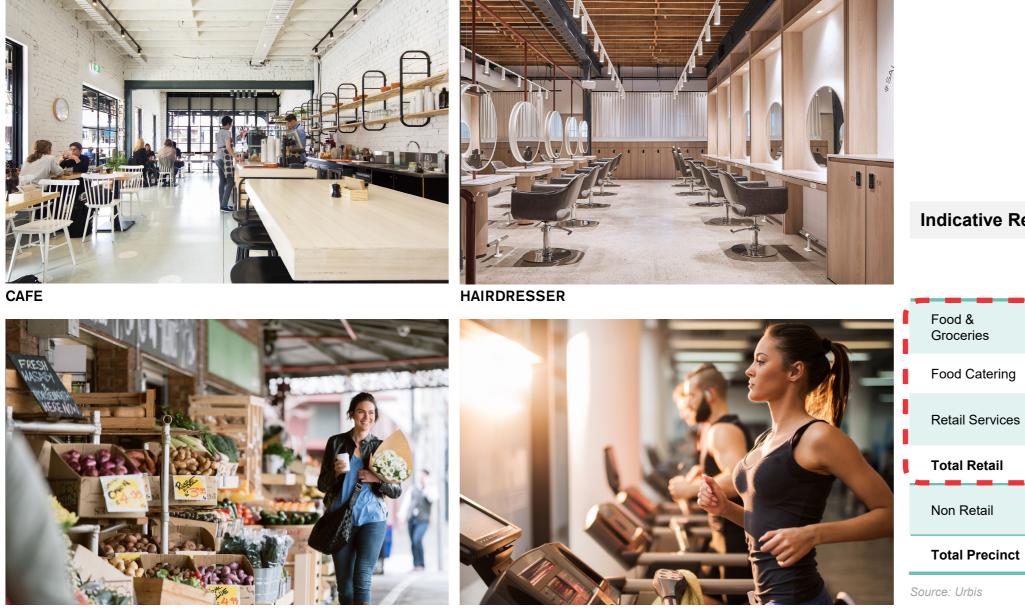
PEDESTRIAN MOVEMENT AND ACTIVATION
PROPOSED LONG TERM LINKAGES



| 1 KELLICAR ROAD | MACARTHUR

RETAIL STRATEGY RELOCATION OF RETAIL TO BUDGEN PLACE





LOCAL GROCER

GYM



Indicative Retail Composition

GLA (SQ.M)

200

100

50

350

250

600

Table 1

% OF TOTAL GLA	INDICATIVE NO. OF TENANTS
33%	1 (e.g. Foodworks, Supa IGA, or Asian Grocer)
17%	1-2 (e.g. café, takeaway food)
8%	1-2 (e.g. dry cleaner/laundromat, hairdresser, barber)
58%	
42%	2-3 (e.g. medical centre / suites, childcare centre)
100%	~5-8

ACTIVATION STRATEGY KELLICAR ROAD ACTIVATION



ACTIVE FRONTAGES - RESIDENTIAL LOBBIES OFF KELLICAR



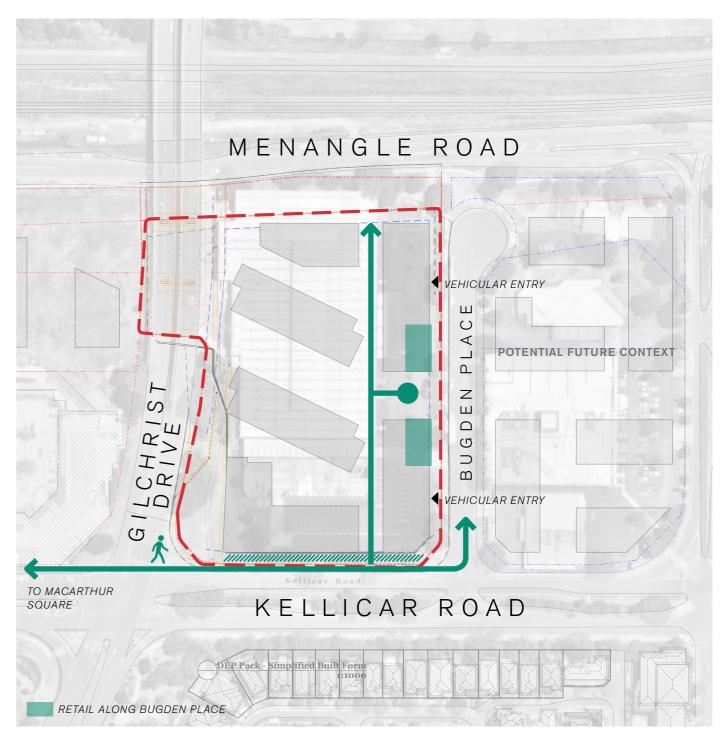
RETAIL TO BUGDEN PLACE DRAWING PEDESTRIAN MOVEMENT ALONG KELLICAR ROAD



SECONDARY THROUGH SITE LINK CONNECTING KELLICAR TO MENANGLE ROAD



IMPROVED PASSIVE SURVEILLANCE ALONG KELLICAR ROAD WITH RESIDENTIAL UNIT INTERFACE AND IMPROVED LIGHTING. EXISTING INTERFACE IS VEGETATION TO SUNKEN CARPARK.



| 1 KELLICAR ROAD | MACARTHUR

RESIDENTIAL PROGRAMME PROPOSED CONNECTIVITY

