

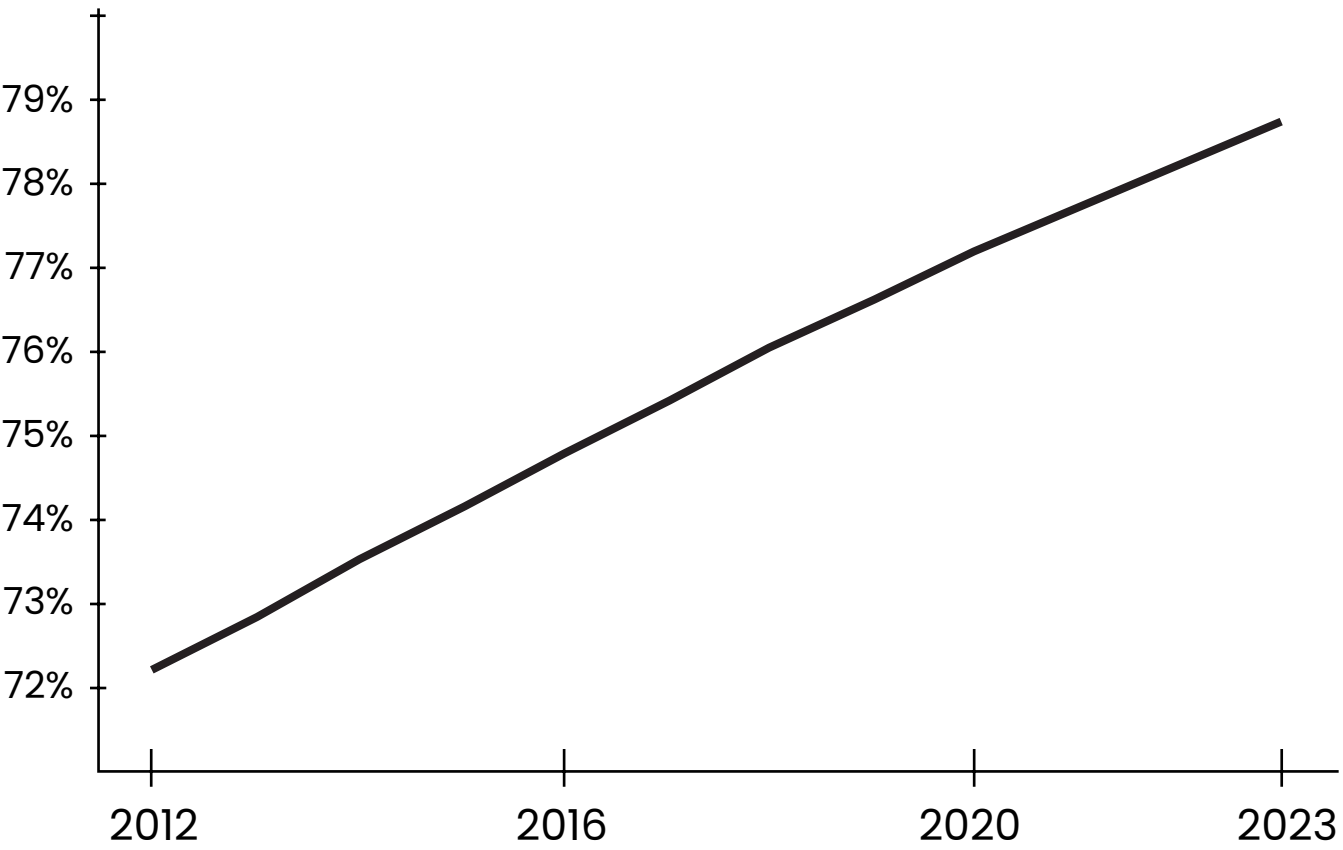
# TAMAN BUKA

A Thesis Defense on retrofitting a fragmented  
Malaysian suburb for better cohesion

by Daphanie Oon

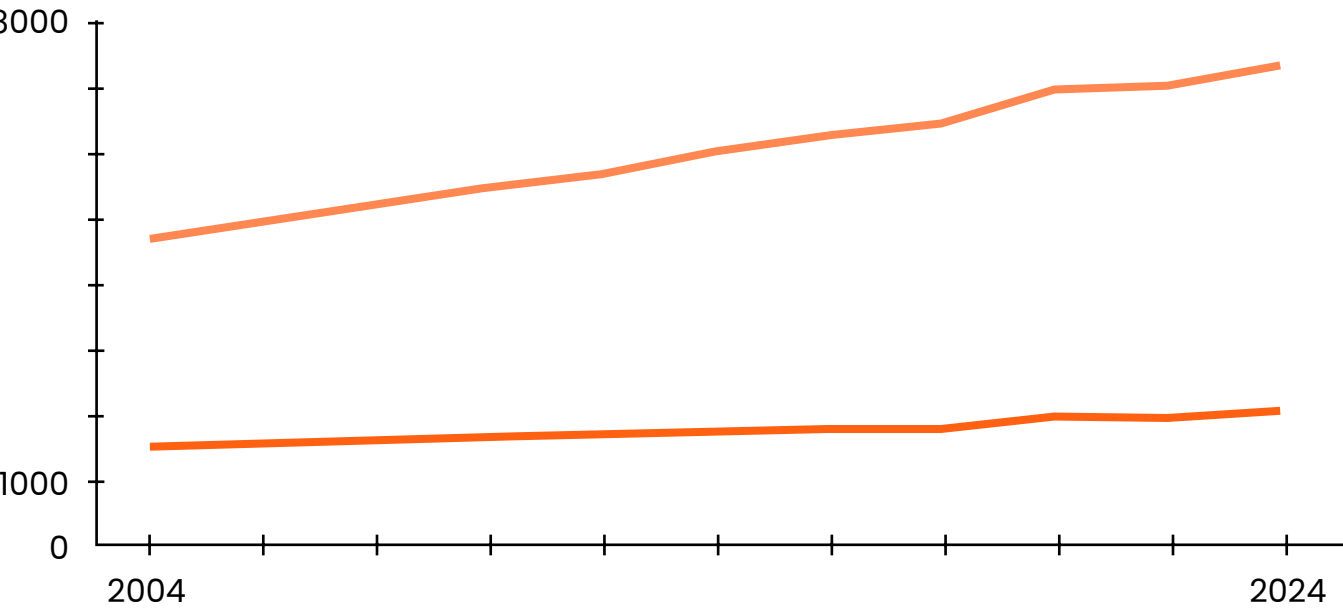


Percentage of total population living in urban areas in Malaysia

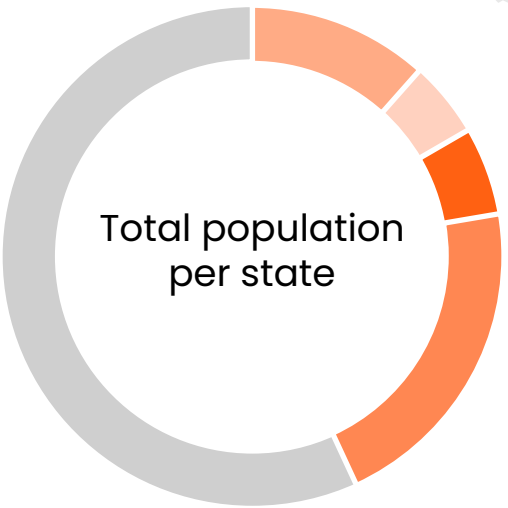
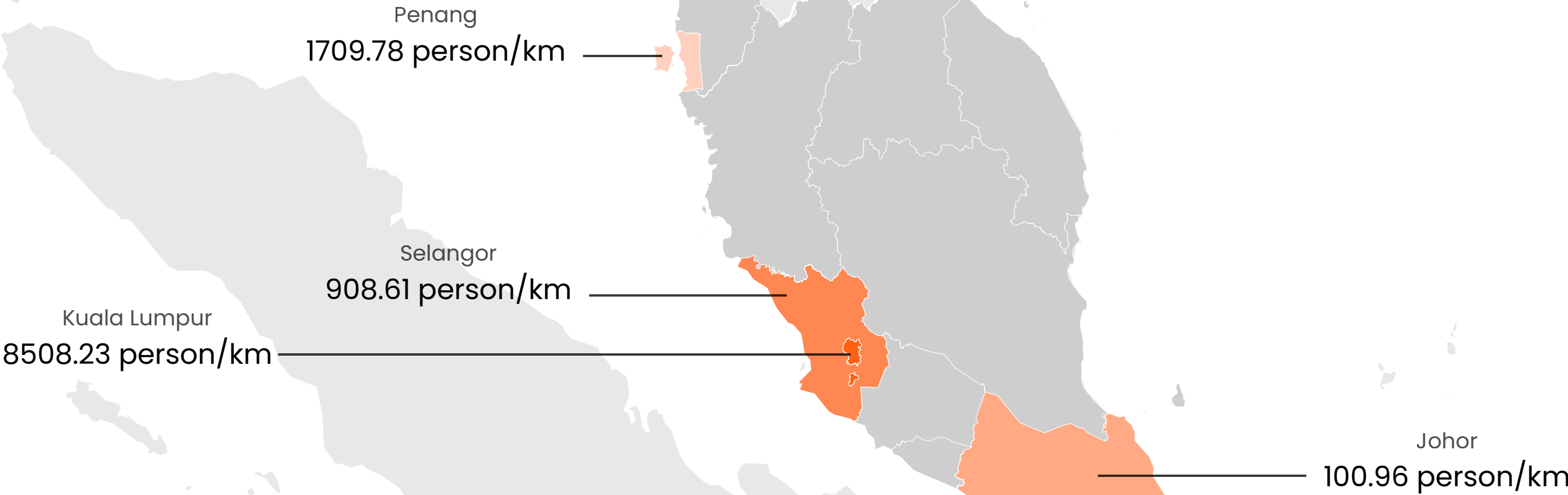


World Bank Data (2023)

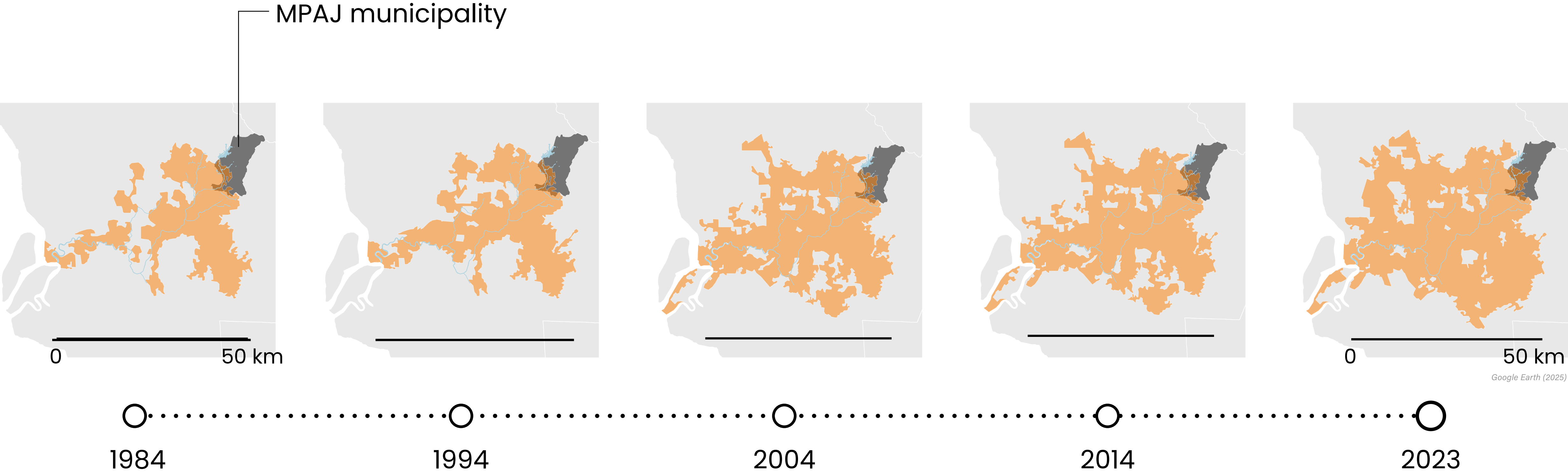
Population Growth in Selangor and KL from 2004 to 2024



Government of Malaysia (2025)









Congestion



Segregation land use



Natural Disaster





Congestion



The Jakarta Post (2023)



Bangkok Post (2024)



Wired (2015)

Segregation land use



Barcelo (2025)



wikimedia commons (2021)



Unequal Scense (Date unknown)

Natural Disaster



Mongabay (2020)



Nation Thailand (2023)



CBC (2022)



Congestion



Free Malaysia Today (2025)

Segregation land use



KL Pavilion Design Studio (2024)

Natural Disaster



hype.my (2024)



Congestion



Author's own (2024)

Segregation land use



Capitaland (2024)

Natural Disaster



Malay Mail (2024)



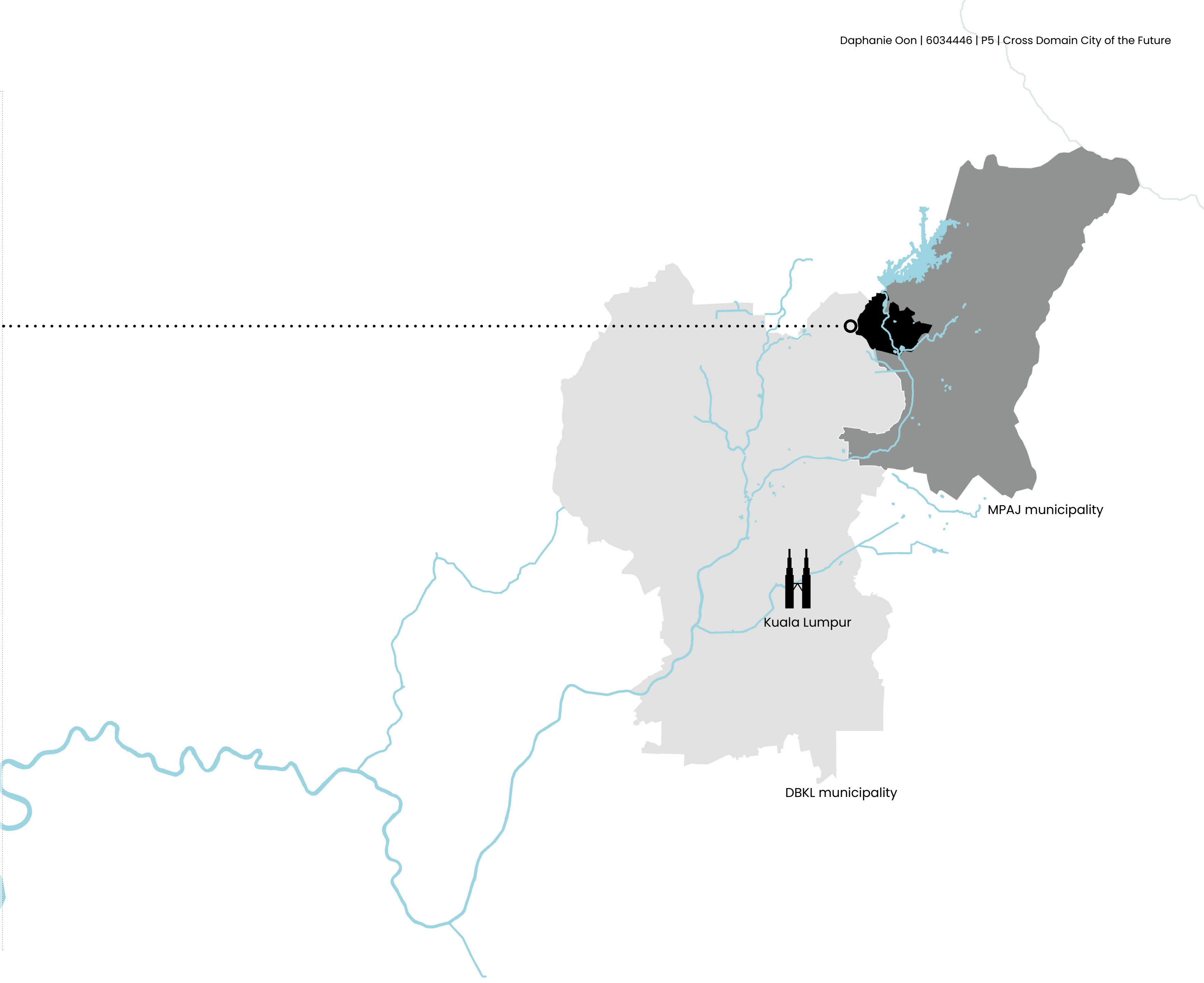
Taman Melawati



Bukit Tabur Retreat (2020)



E2 by Edwin Ng (2020)

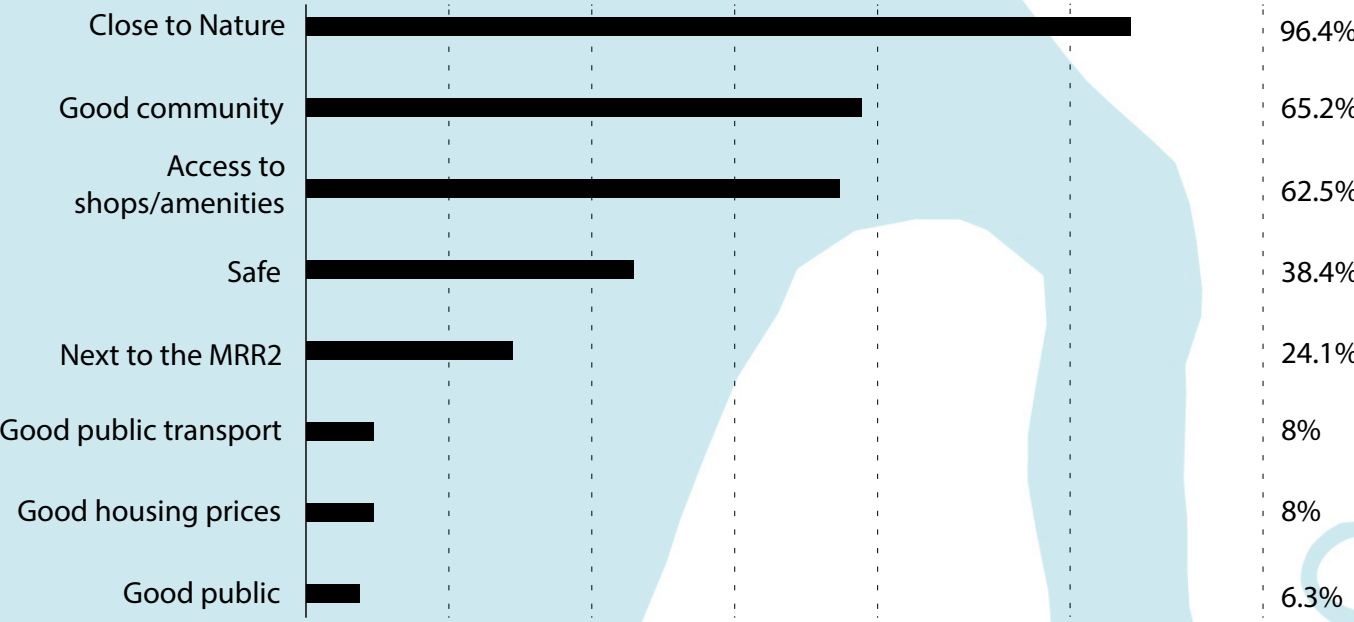




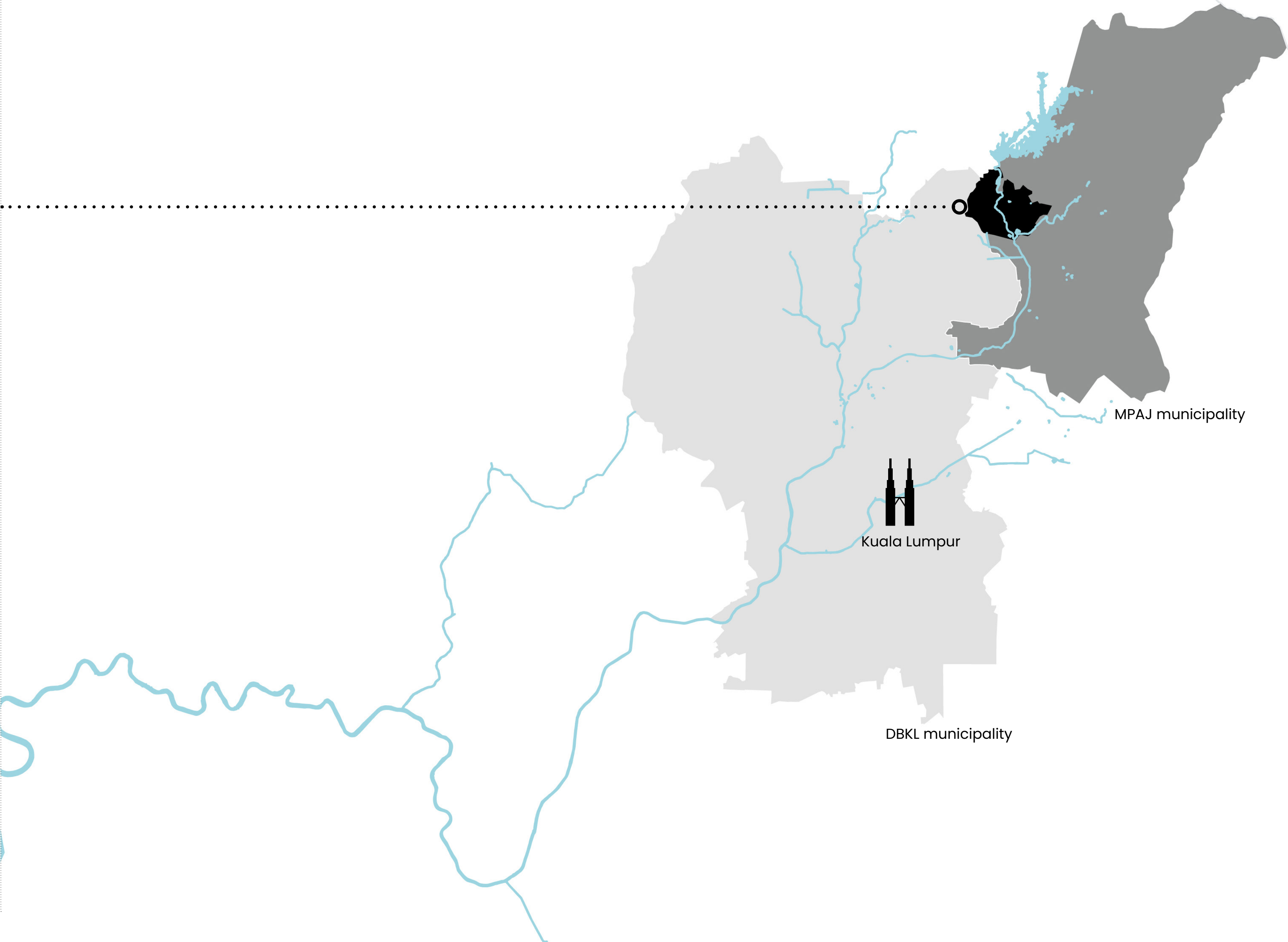
Taman Melawati



The Edge Malaysia (2021)



What Do You Think of A Growing Melawati? (2024)









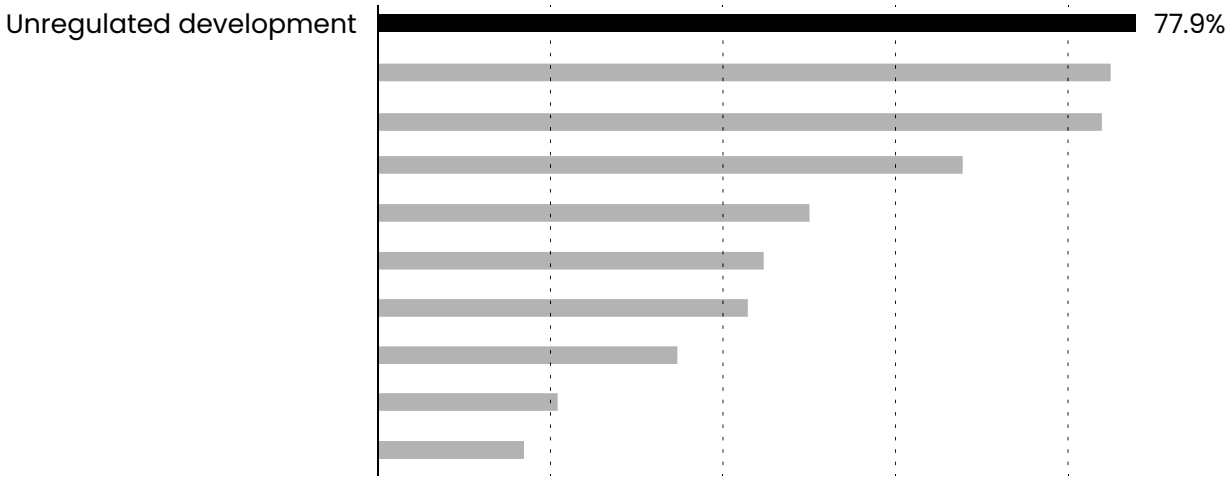
Sprawl



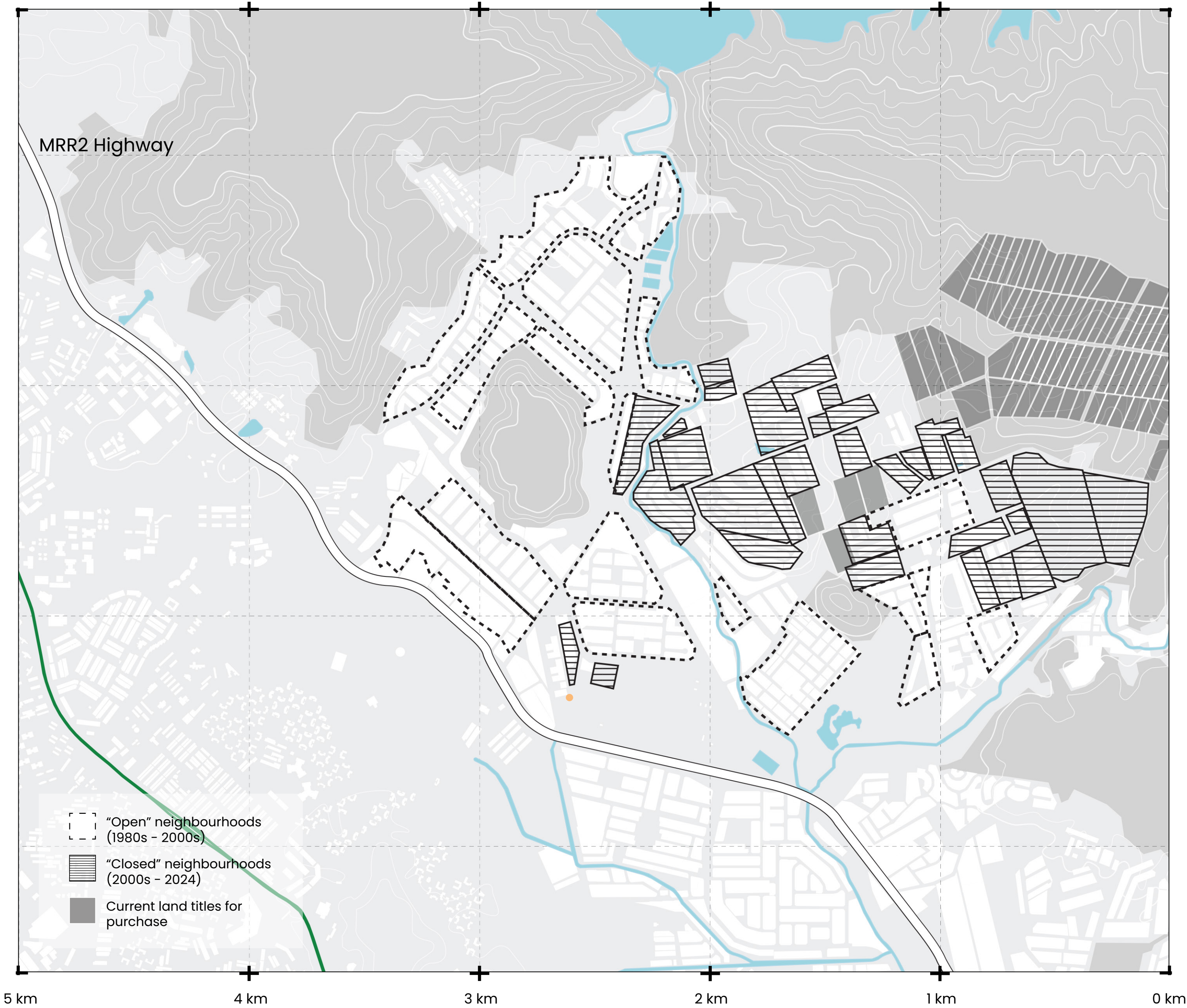
19trees (2023)



19 trees (2023)



What Do You Think of A Growing Melawati? (2024)





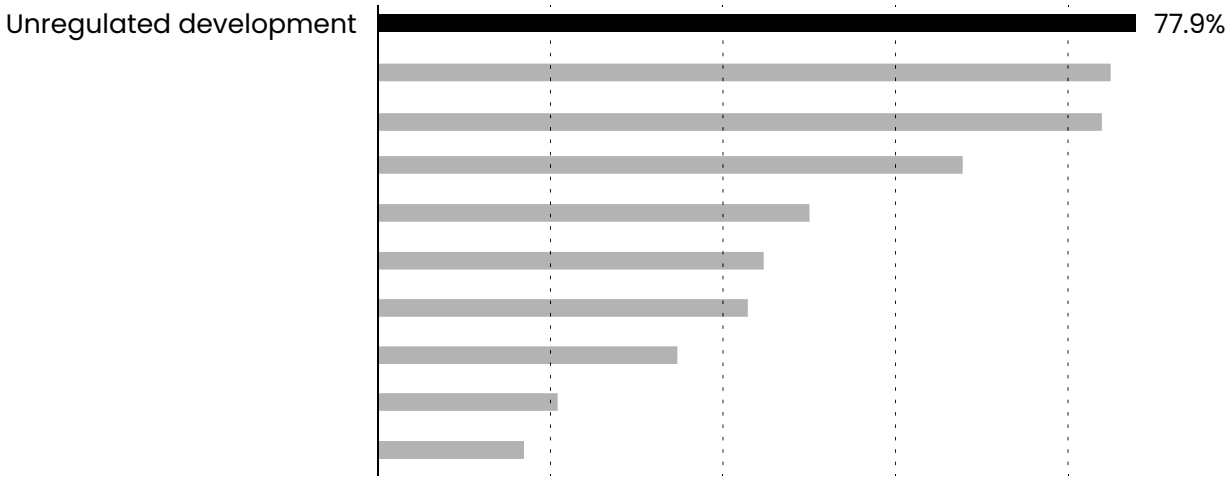
Plot Density

GUNA TANAH UTAMA	DENSITI /NISBAH PLOT MAKSIMUM
Kediaman	<u>Rumah sedia ada</u> Pengekalan kawasan dan densiti sedia ada  <u>Cadangan kediaman</u> Densiti rendah ≤ 8 unit/ekar Densiti Sederhana ≤ 25 unit/ekar Densiti tinggi ≤ 60 unit/ekar  <u>Nisbah Plot</u> 1 : 4

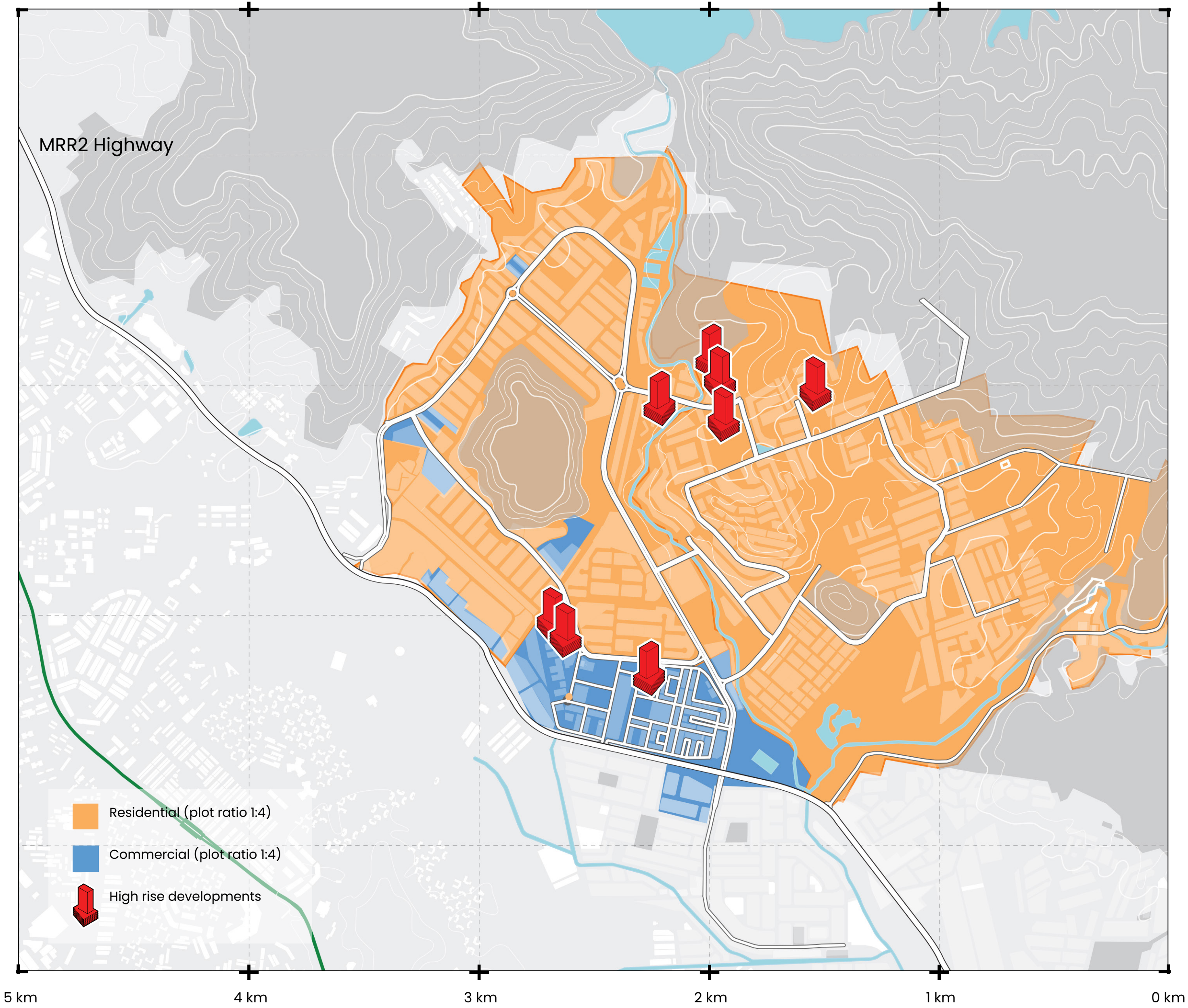
MPAJ RT 2020 (2011)

GUNA TANAH UTAMA	DENSITI /NISBAH PLOT MAKSIMUM
Perniagaan dan Perkhidmatan	<ul style="list-style-type: none"><li>• <u>Nisbah Plot</u> 1 : 4</li><li>• Kawasan berhampiran dengan stesen pengangkutan awam dibenarkan nisbah plot 1:5</li></ul>

MPAJ RT 2020 (2011)



What Do You Think of A Growing Melawati? (2024)





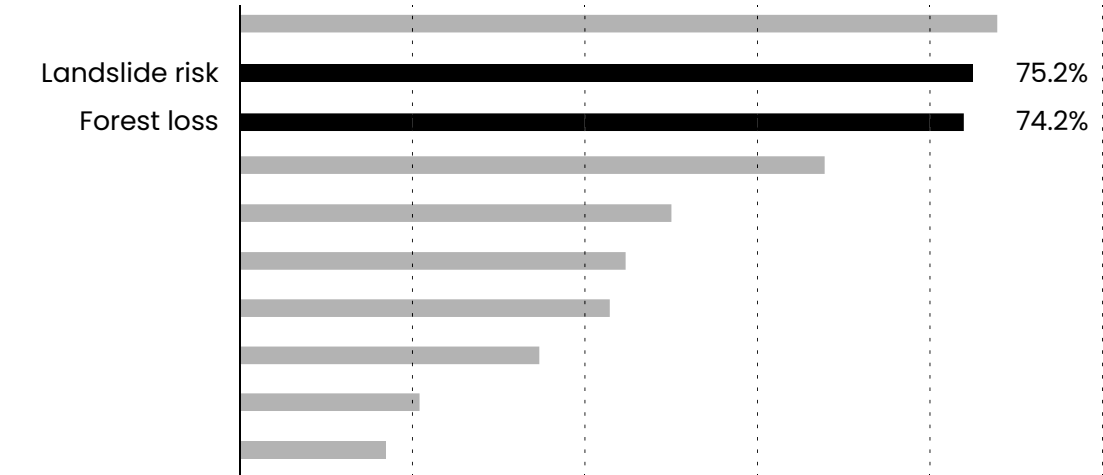
Plot Density



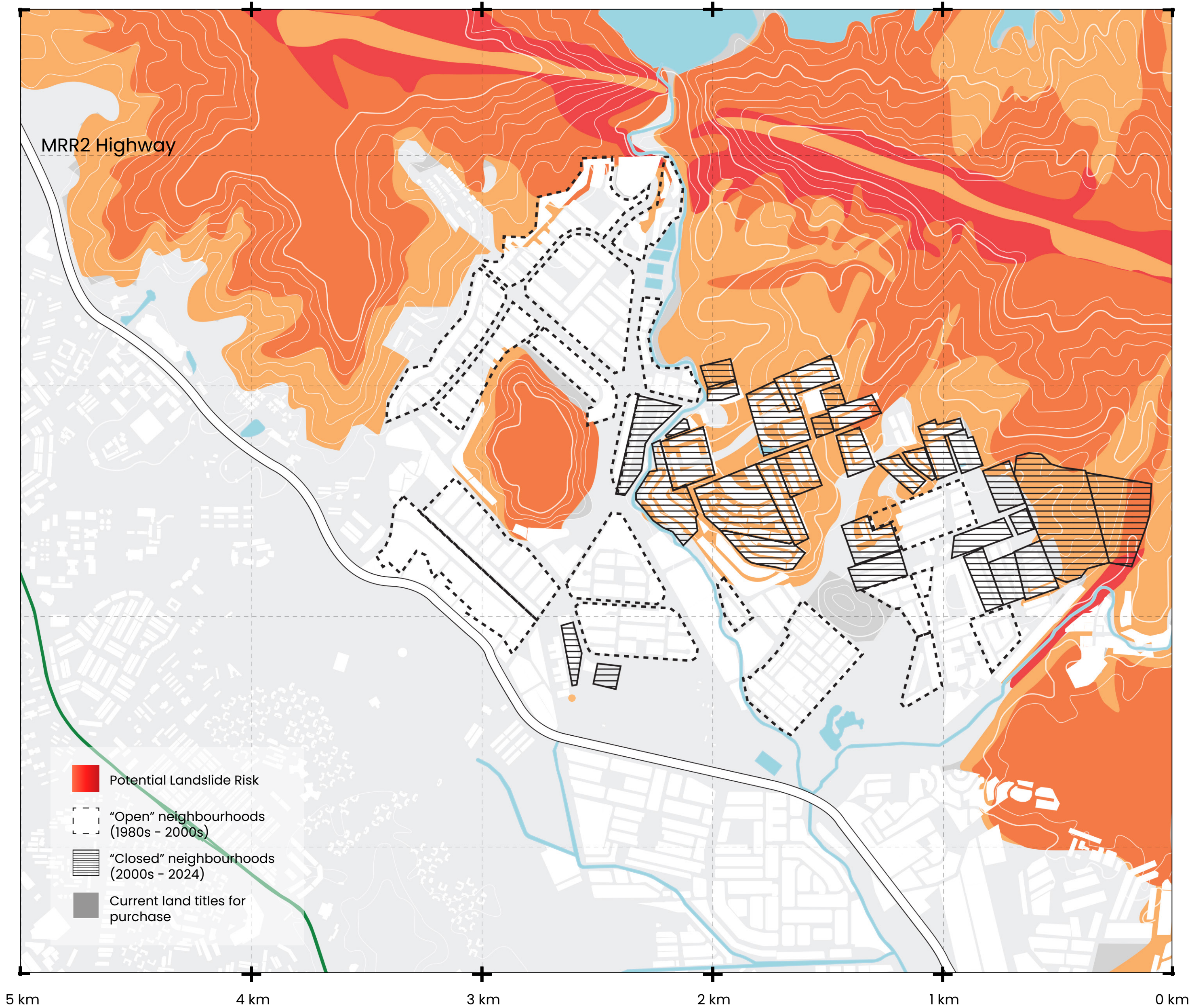
The Star (2025)



News Straits Times Press (2024)



What Do You Think of A Growing Melawati? (2024)

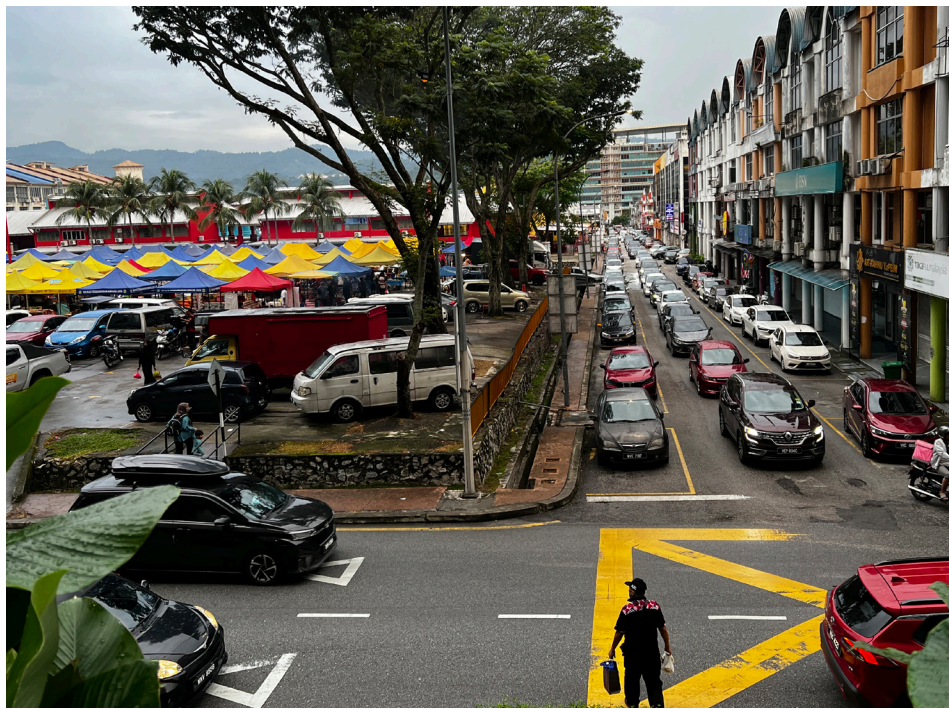




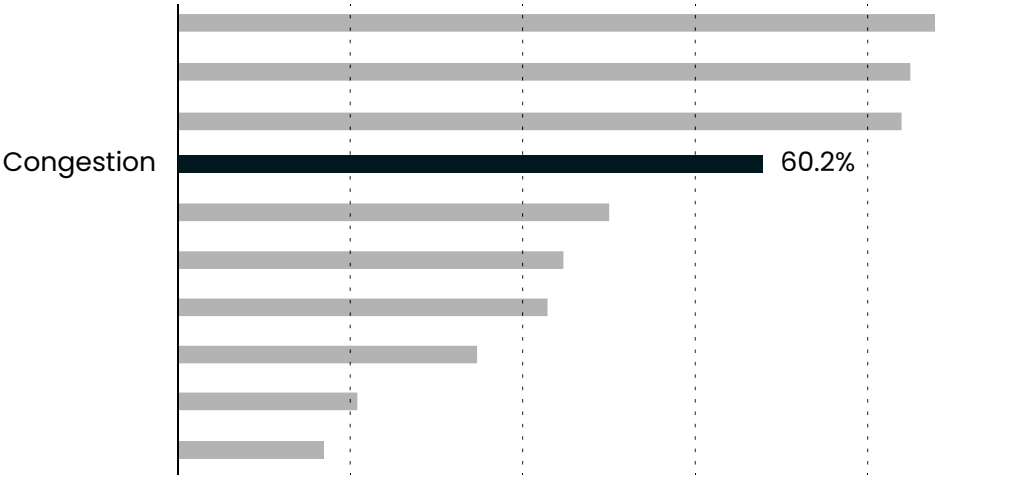
Plot Density



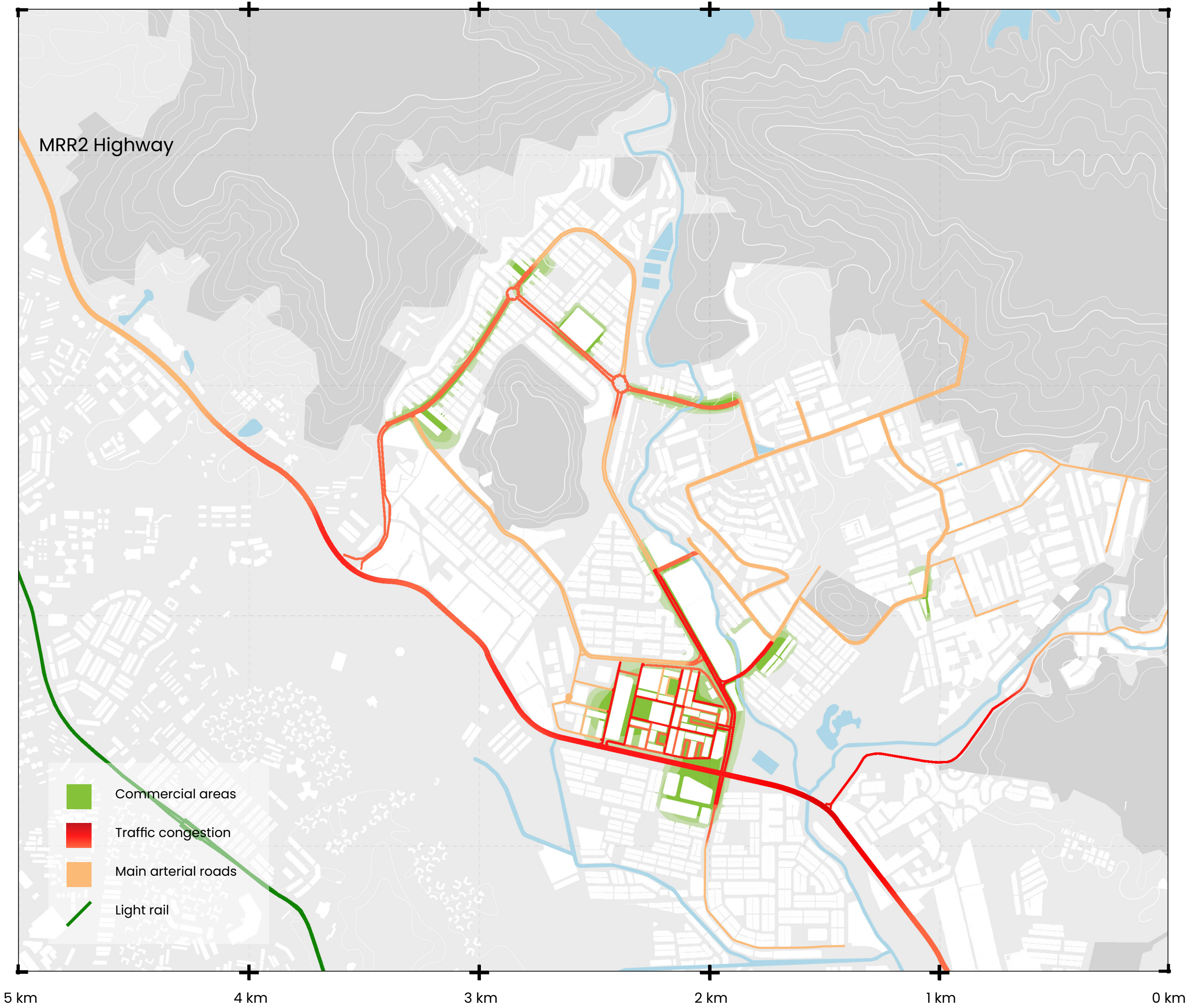
Author's own (2025)



Author's own (2025)



What Do You Think of A Growing Melawati? (2024)





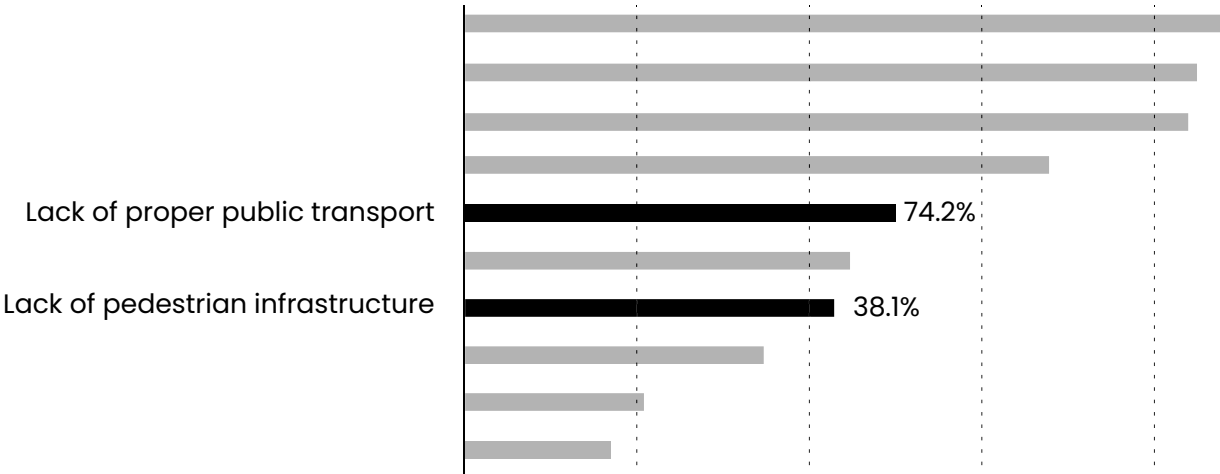
Plot Density



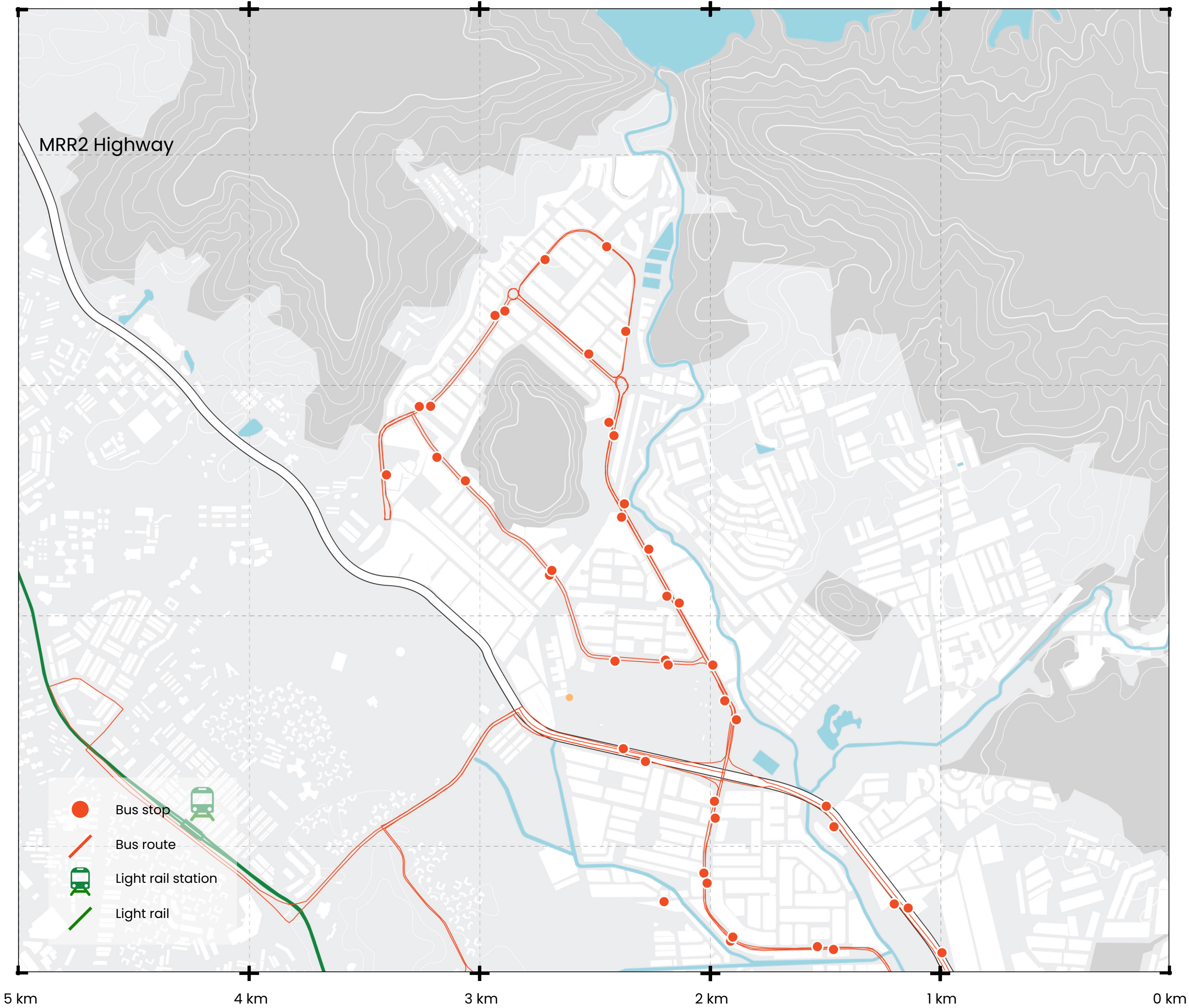
Google Earth (2025)



Google Earth (2025)



What Do You Think of A Growing Melawati? (2024)





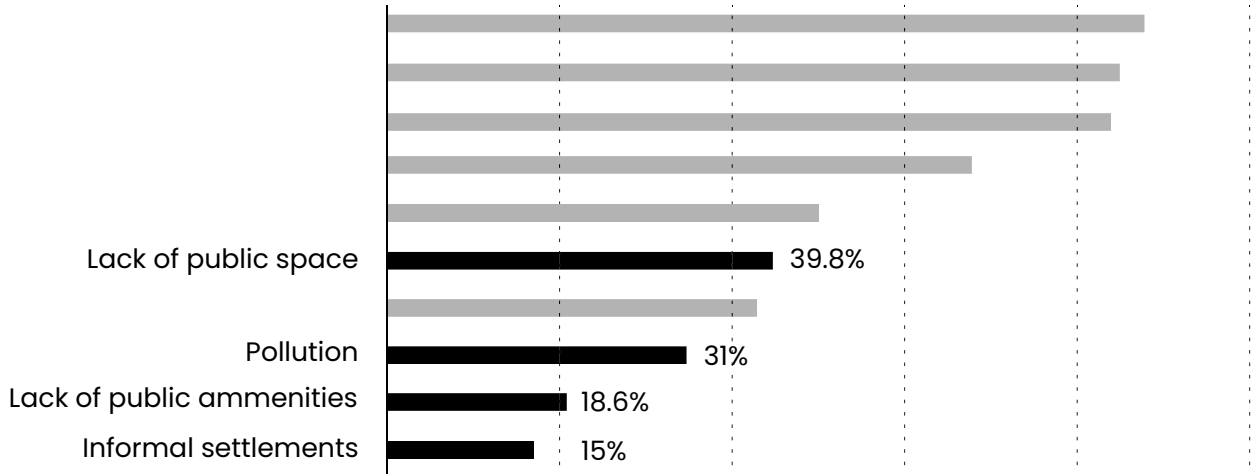
Plot Density



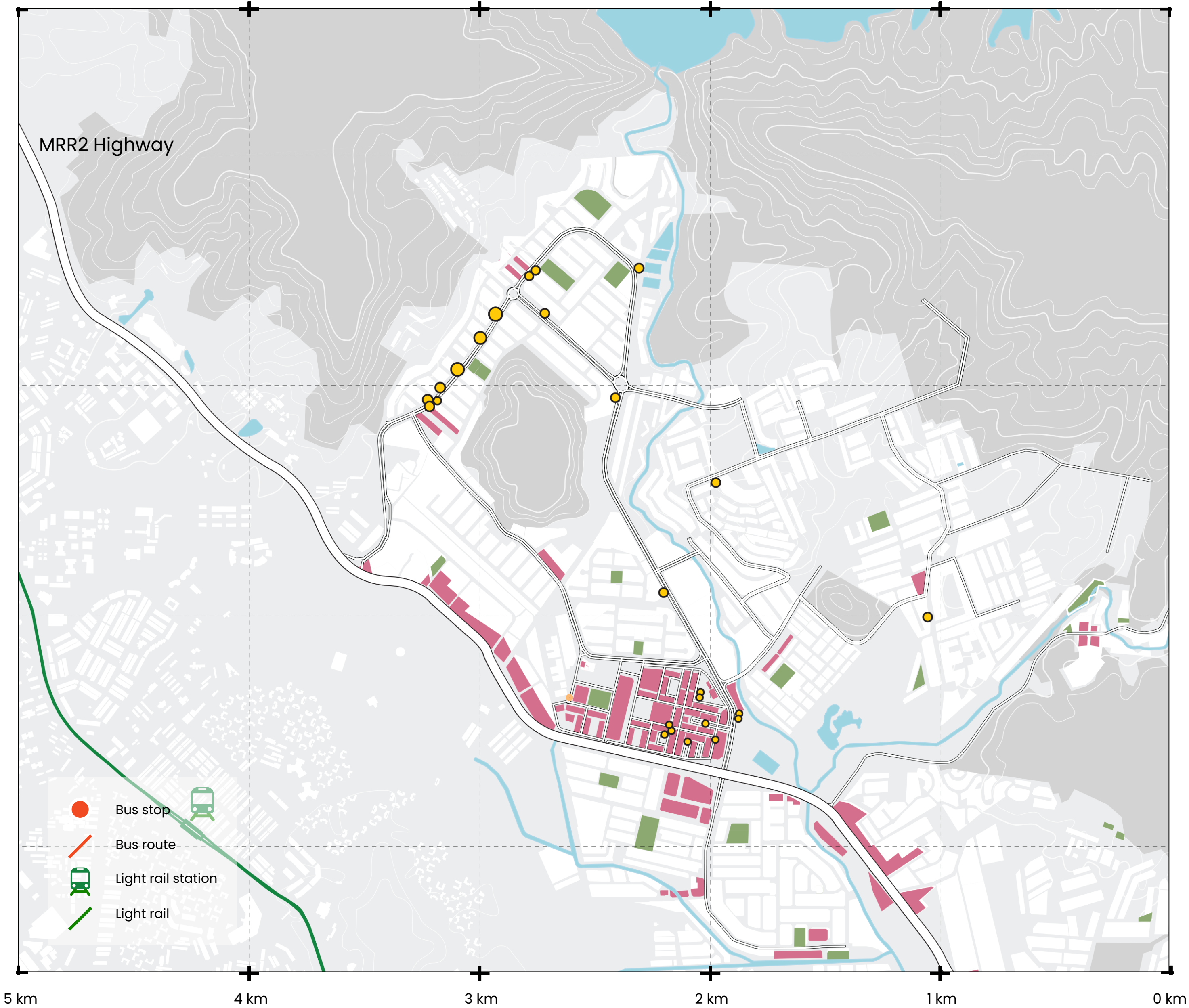
Google Maps (2025)



Author's Own (2022)



What Do You Think of A Growing Melawati? (2024)





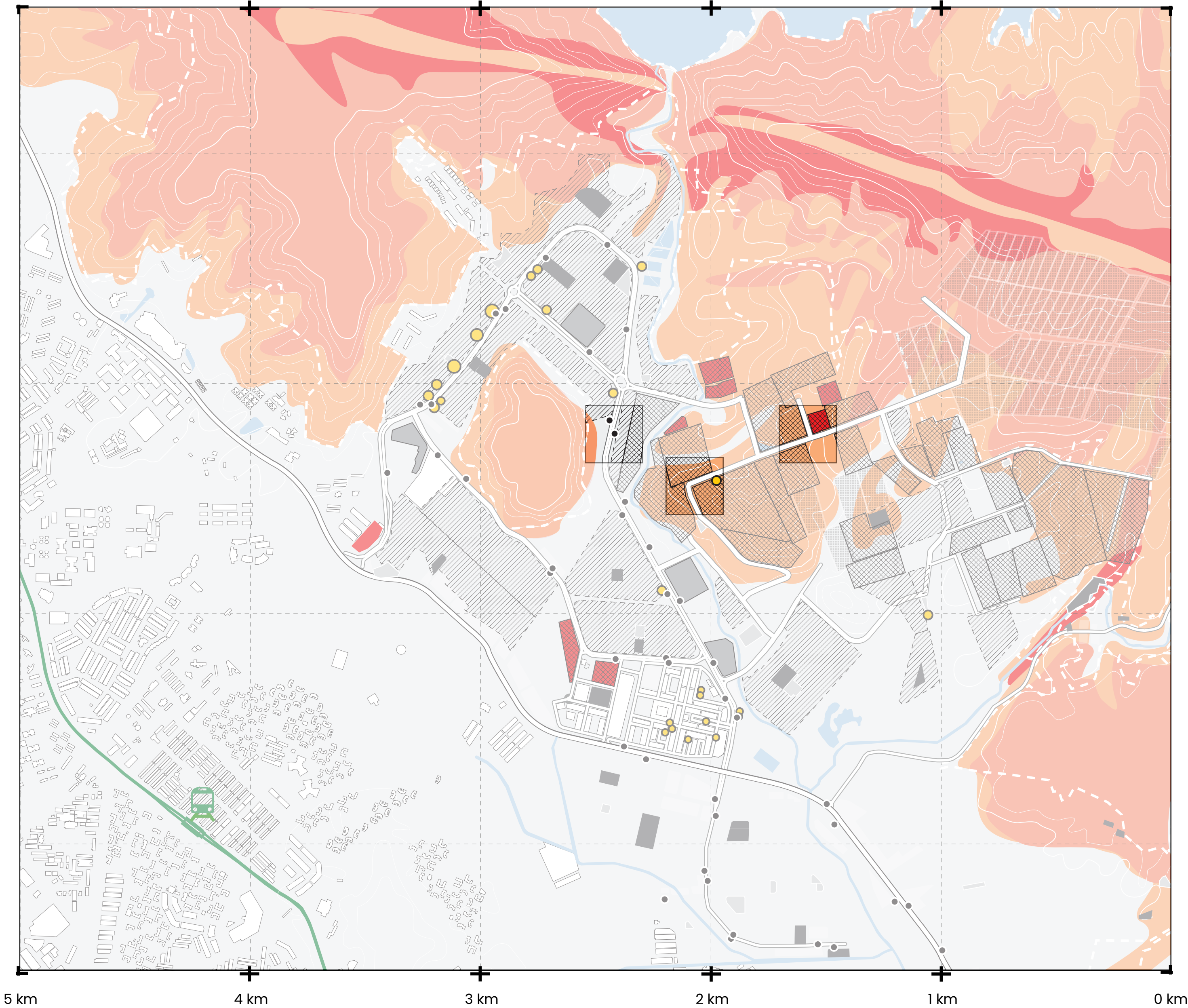
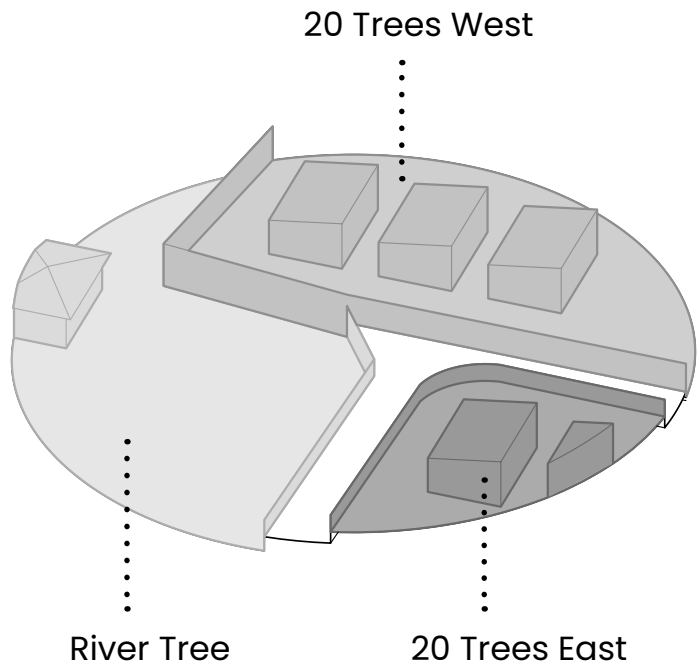
Microborders



Google Maps (2025)



Google Maps (2025)





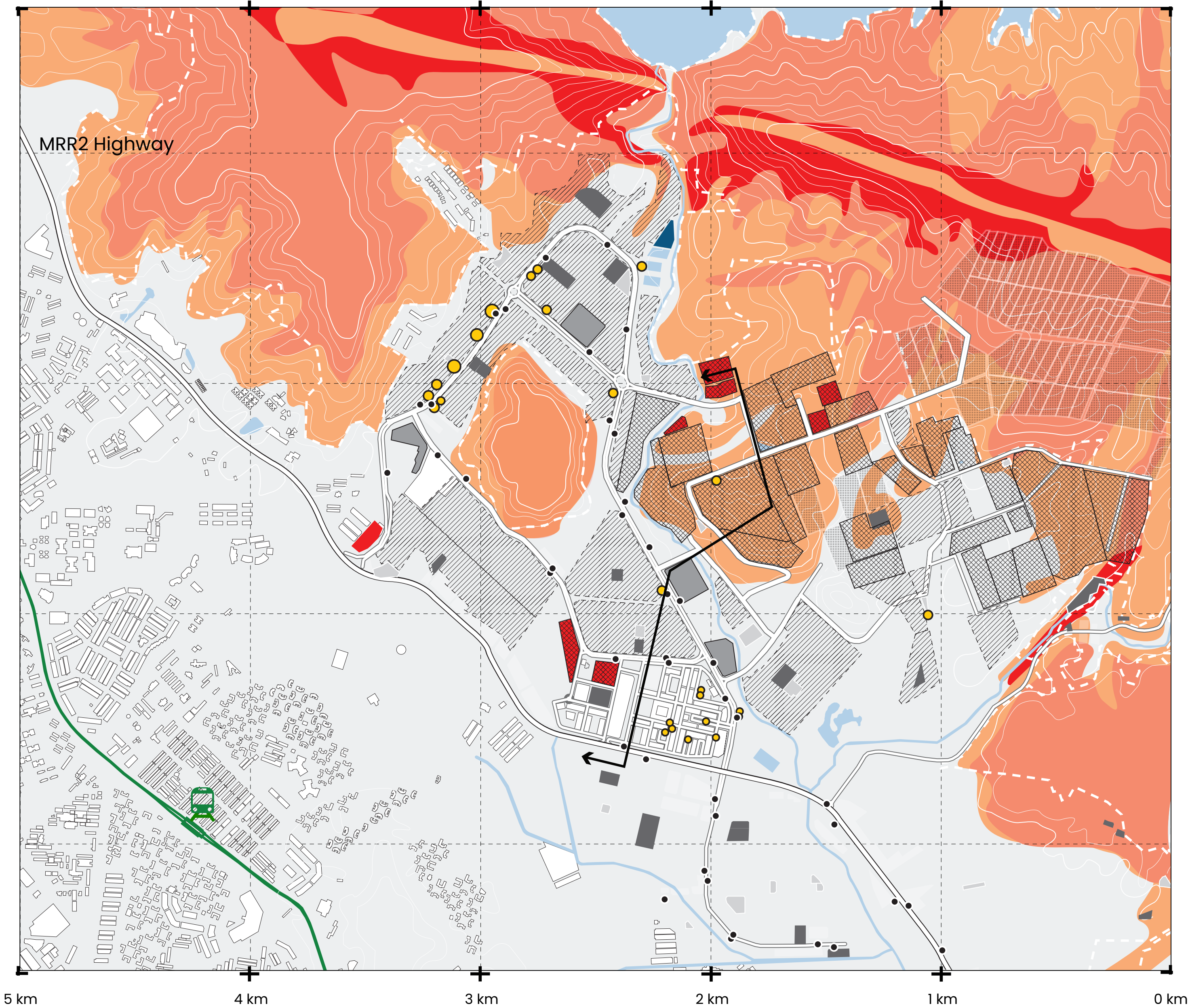
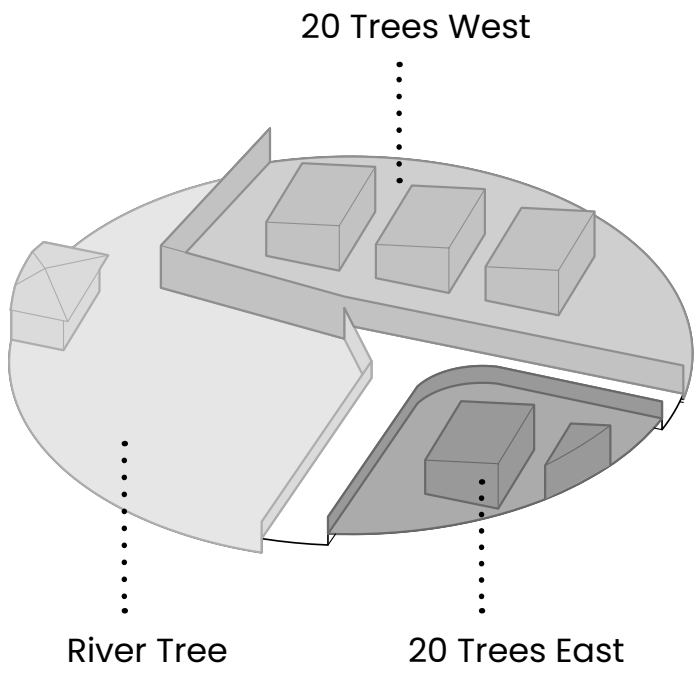
Microborders



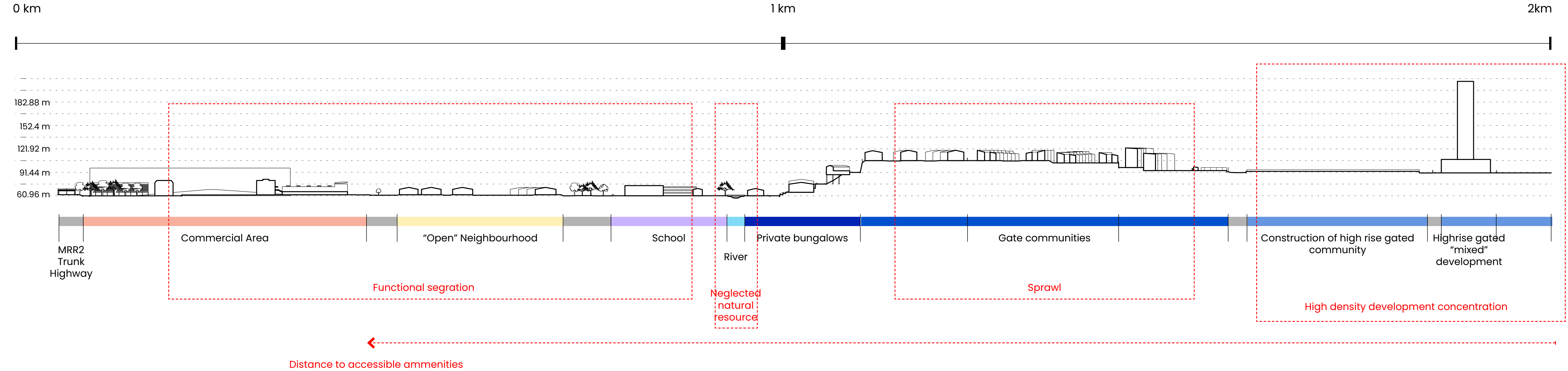
Google Maps (2025)



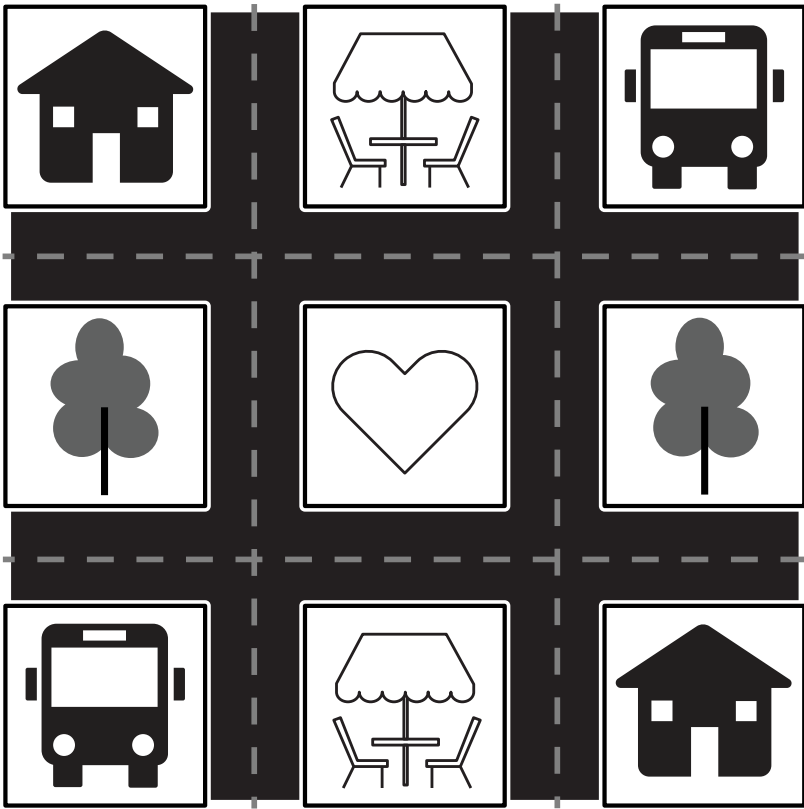
Google Maps (2025)



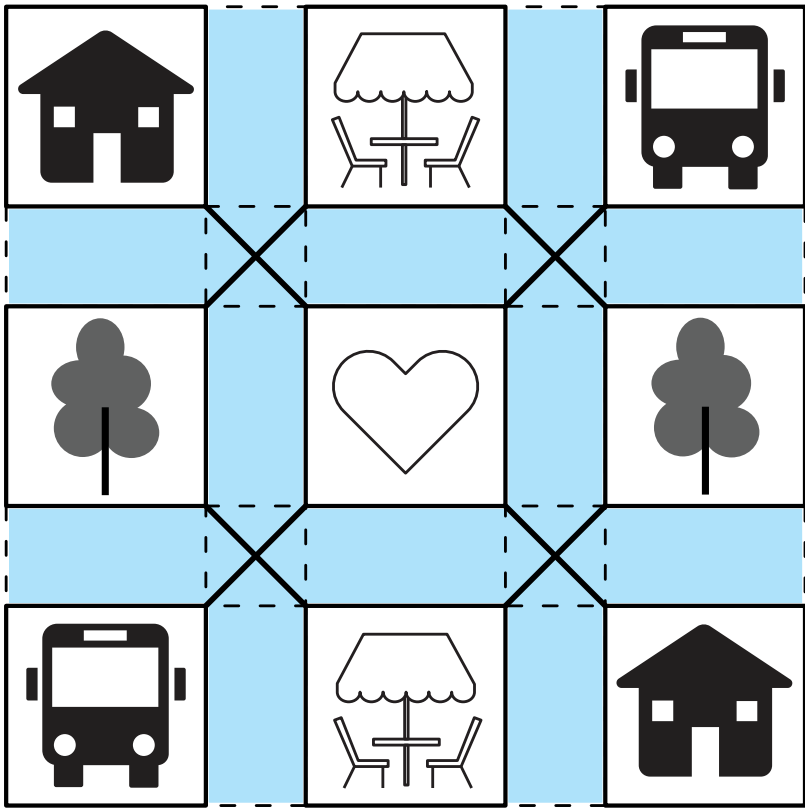




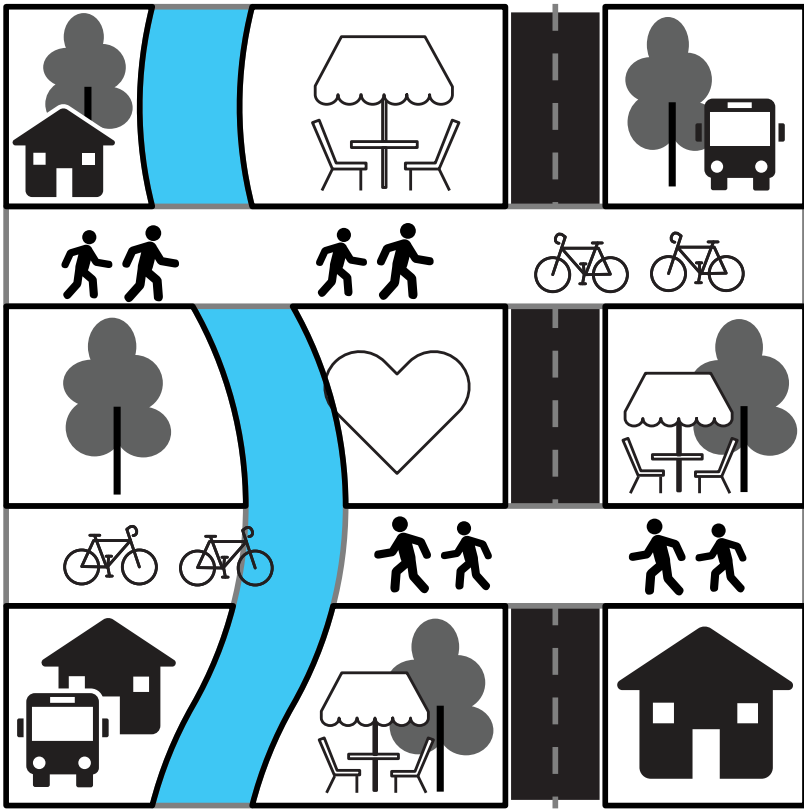




Fragmentation



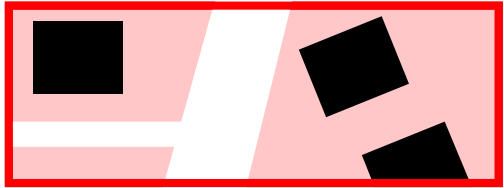
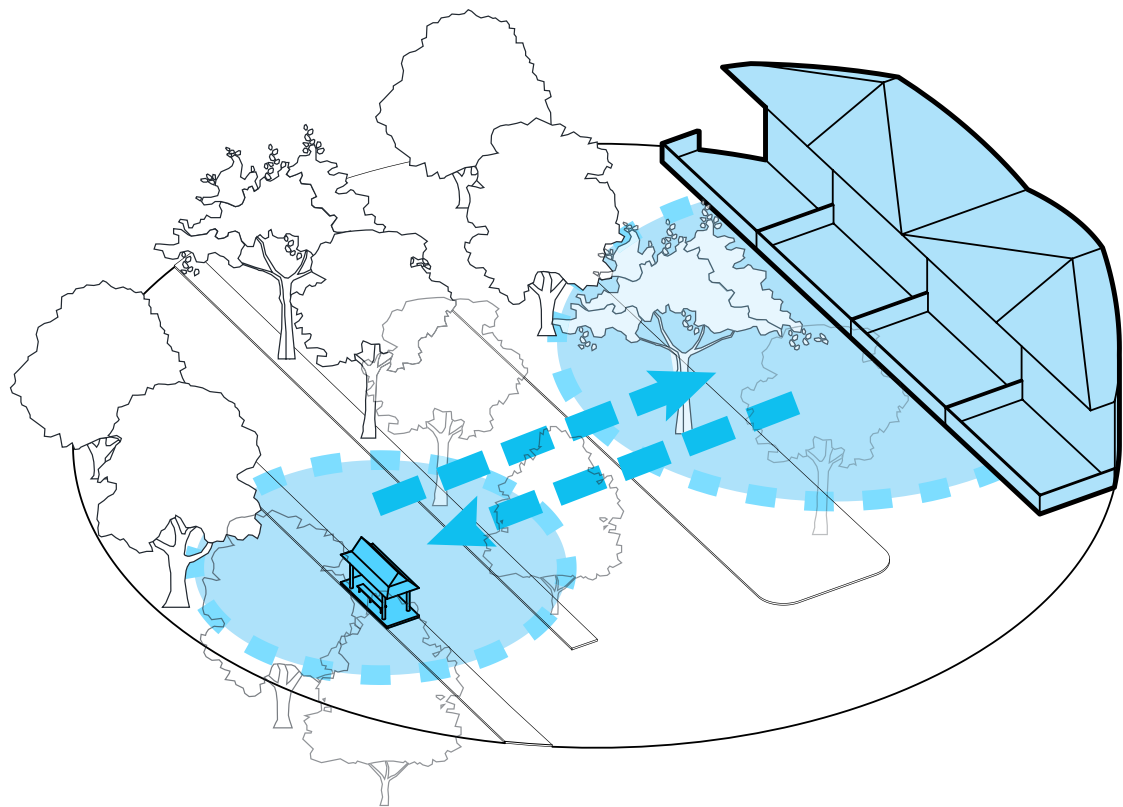
Retrofitting



Cohesion

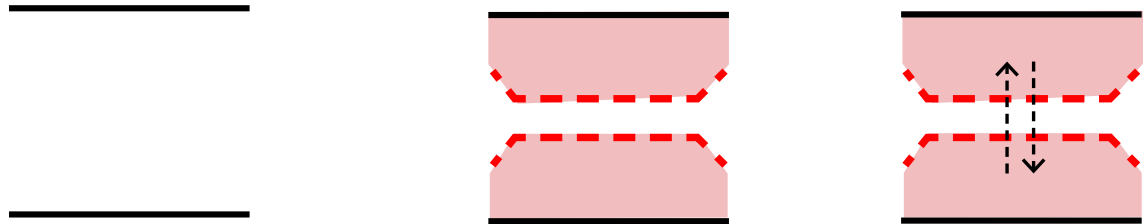
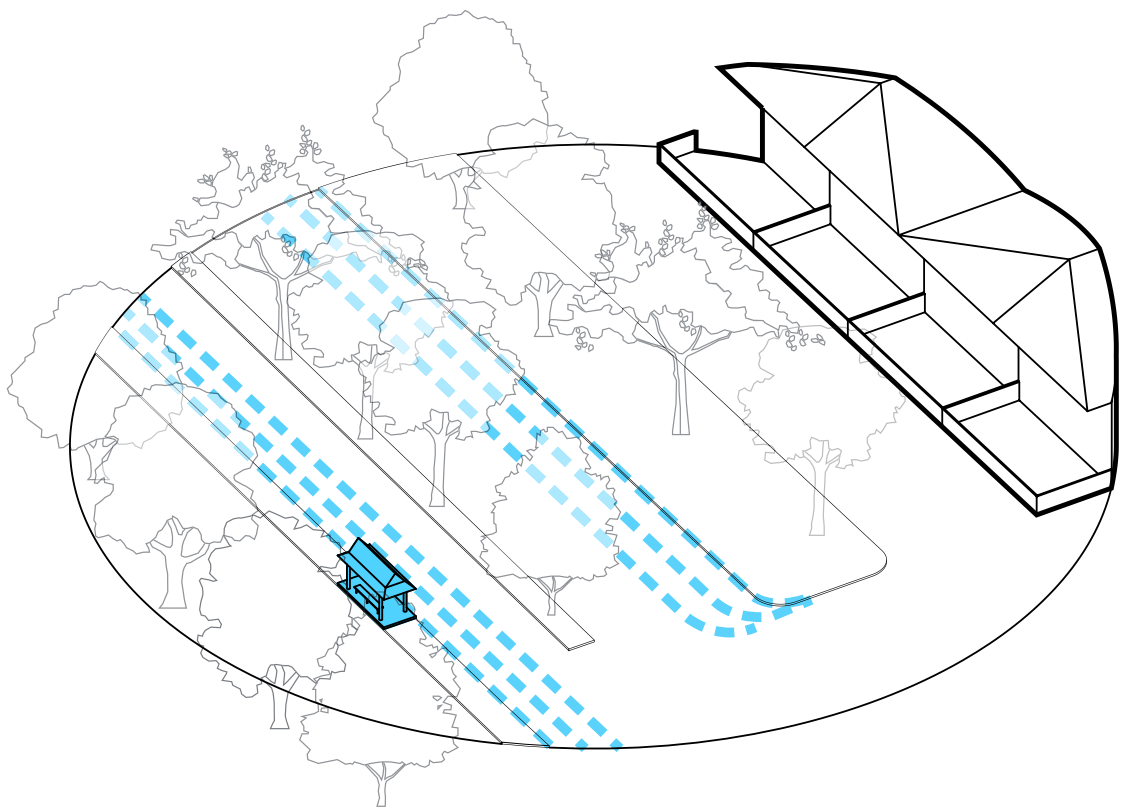


Creating a Catalyst Patch



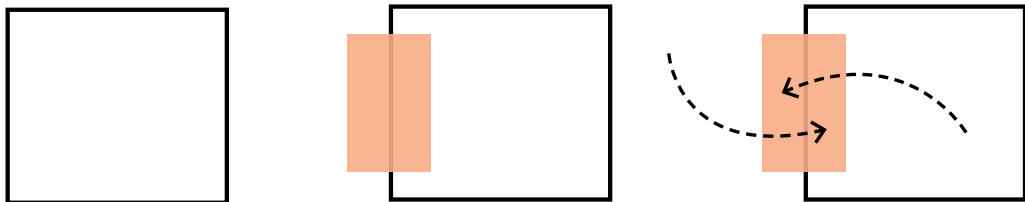
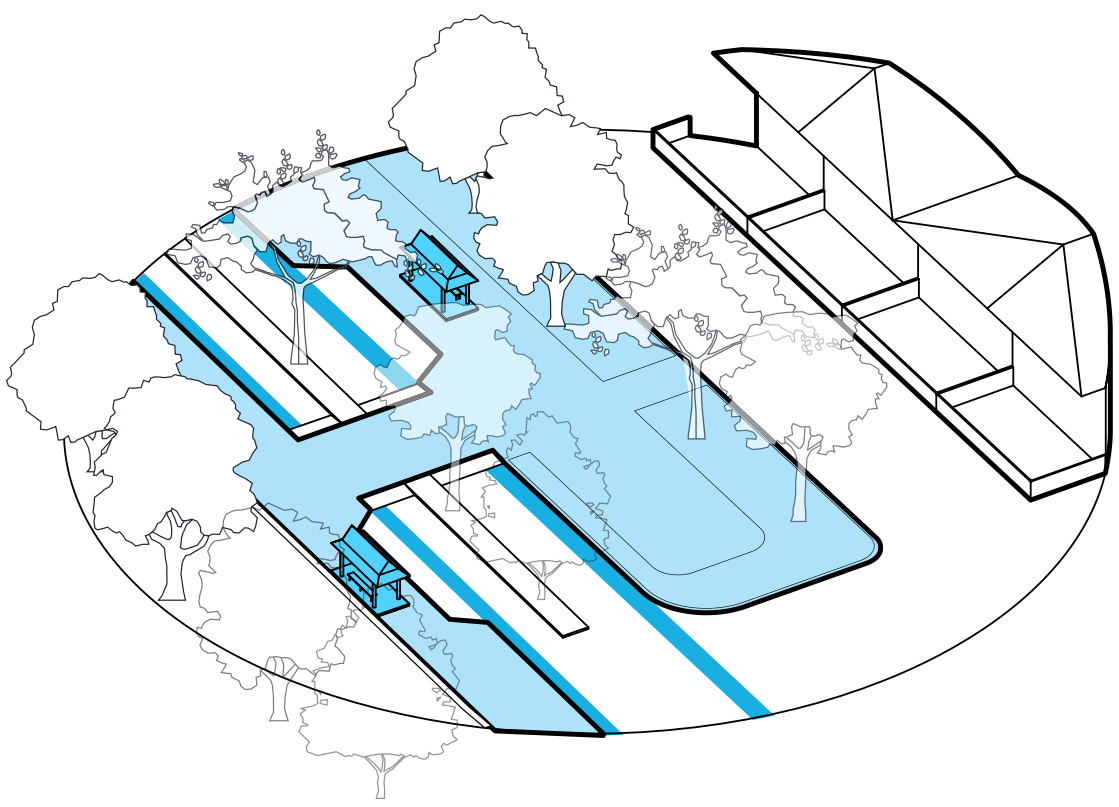
Creating a site with multiple interfacing of communities and uses as a catalyst to rebuild cohesion.

Renegotiating Boundaries



Closing the gap between two spaces, forming a more intimate connection.

Forming a Gradient Space



A space with soft boundaries for public use but still under the responsibility of the adjacent community.





Daphanie Oon (2024)



Daphanie Oon (2022)



Daphanie Oon (2024)



Daphanie Oon (2024)

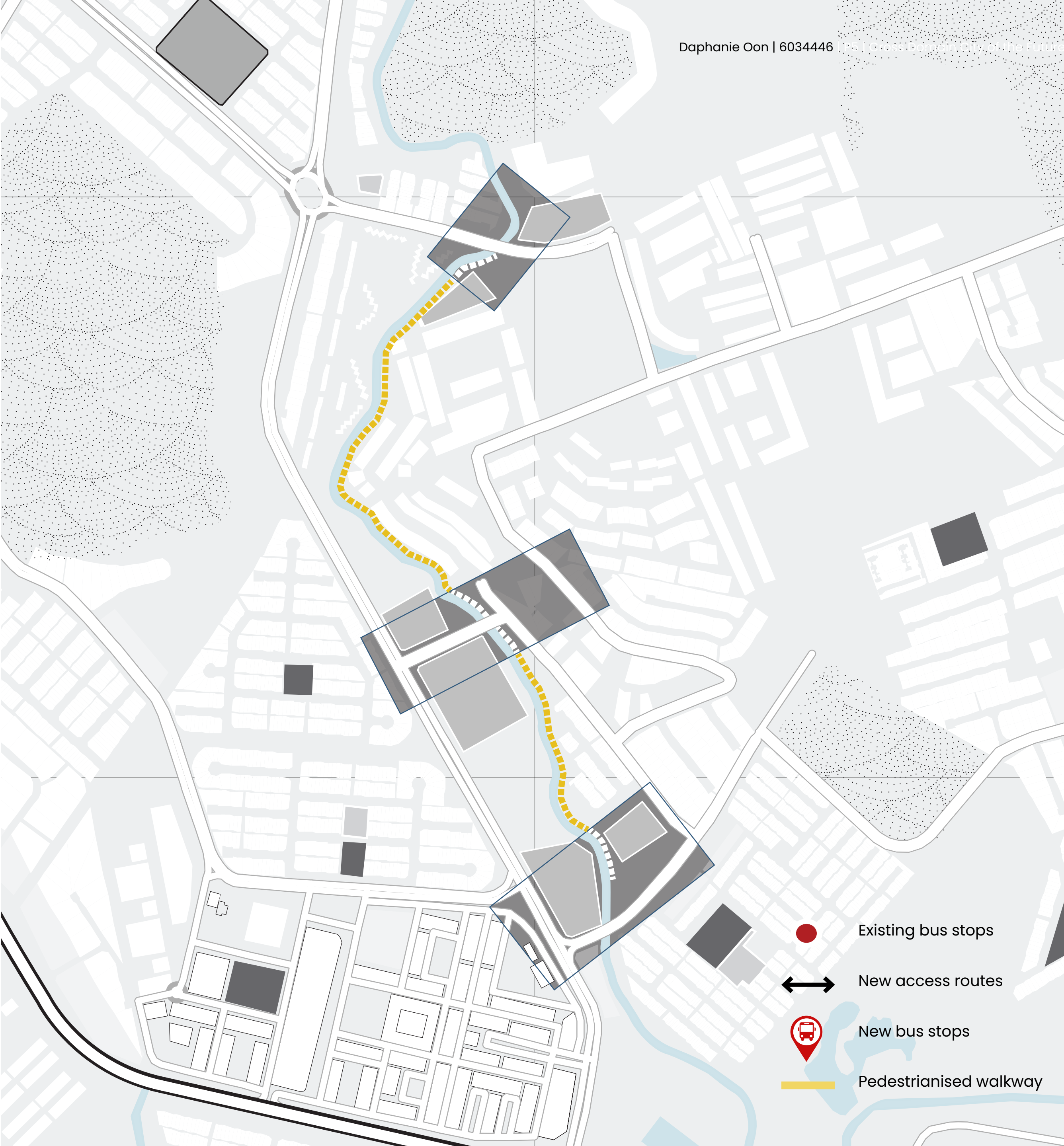
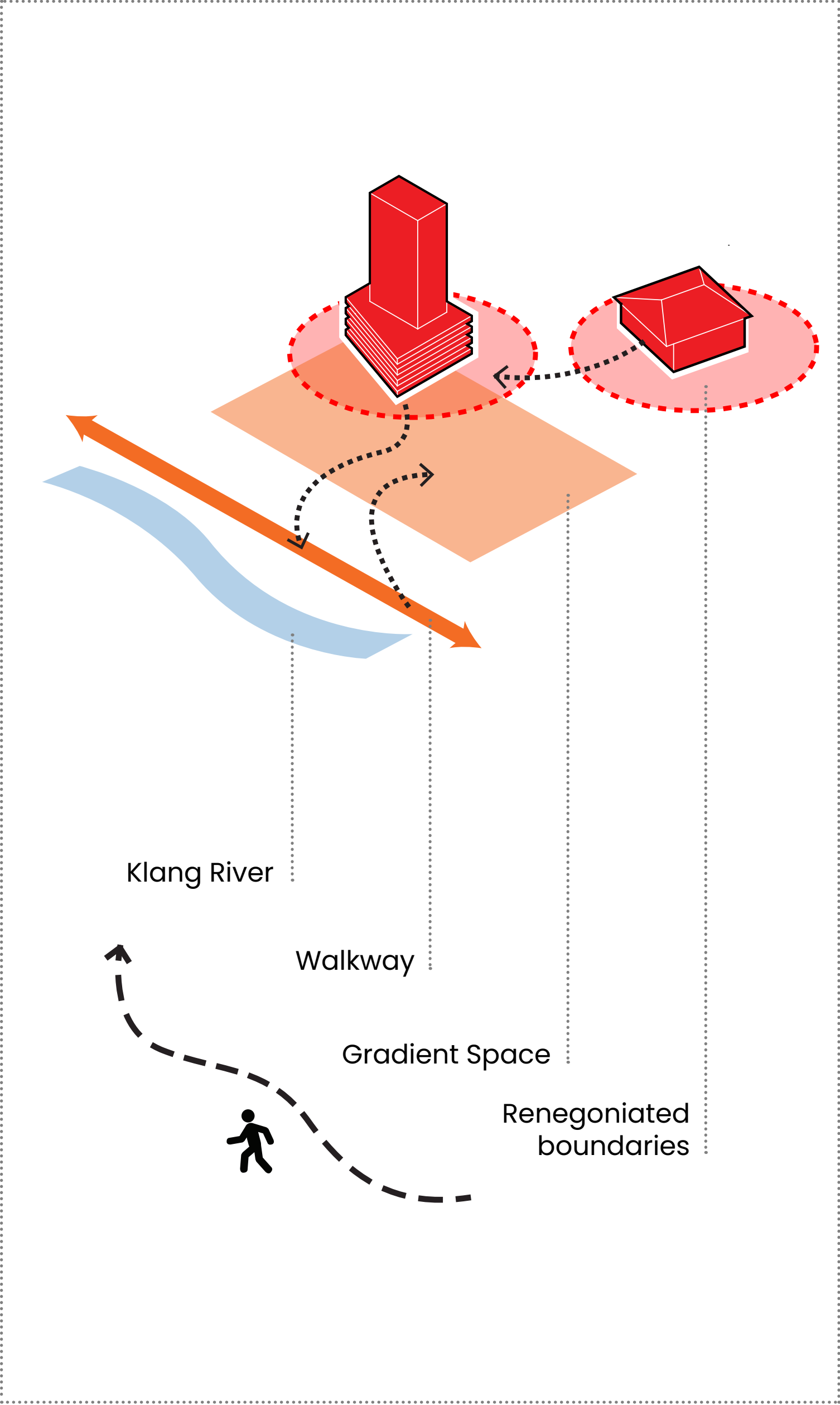


Daphanie Oon (2024)

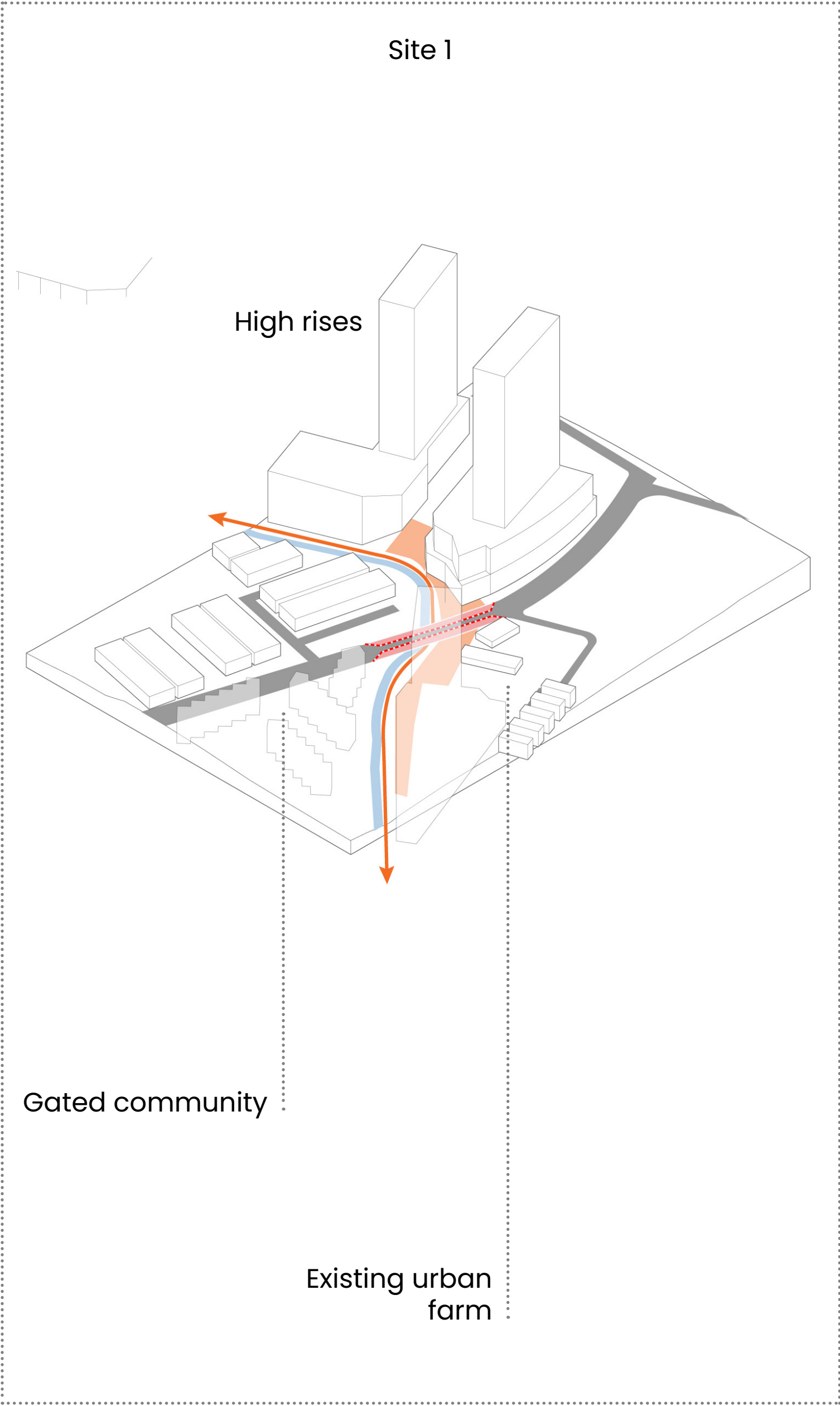


Google Maps (2025)

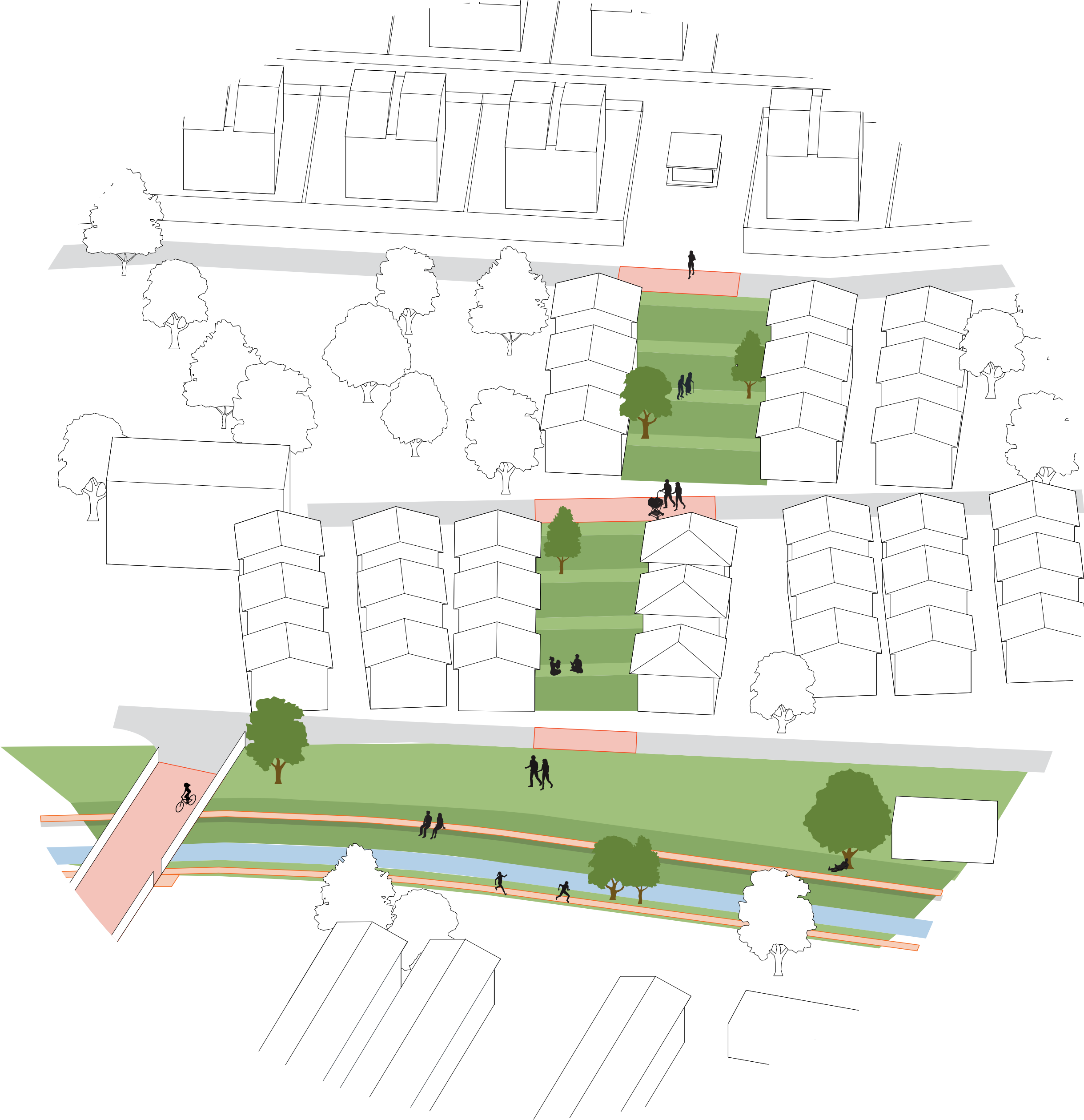
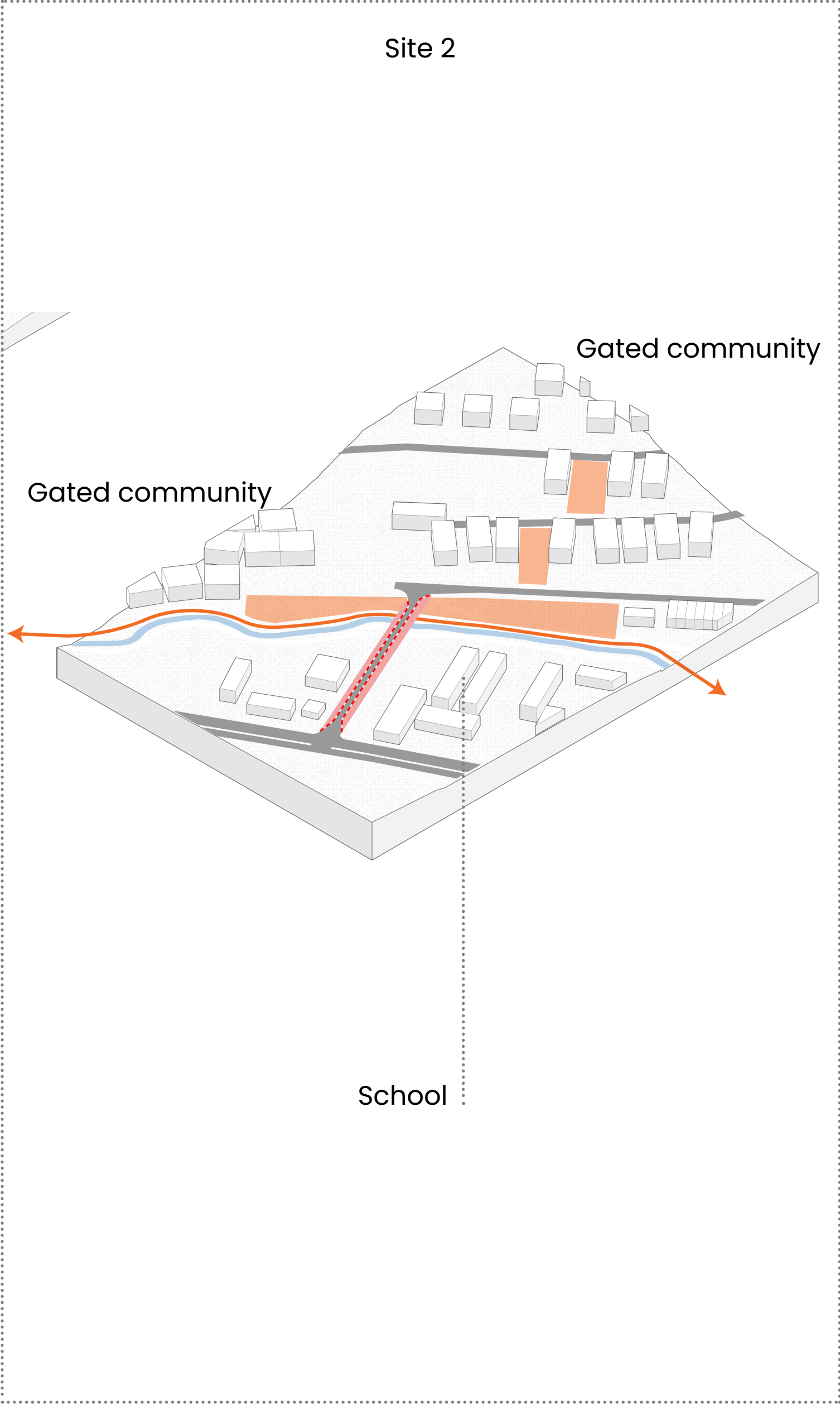




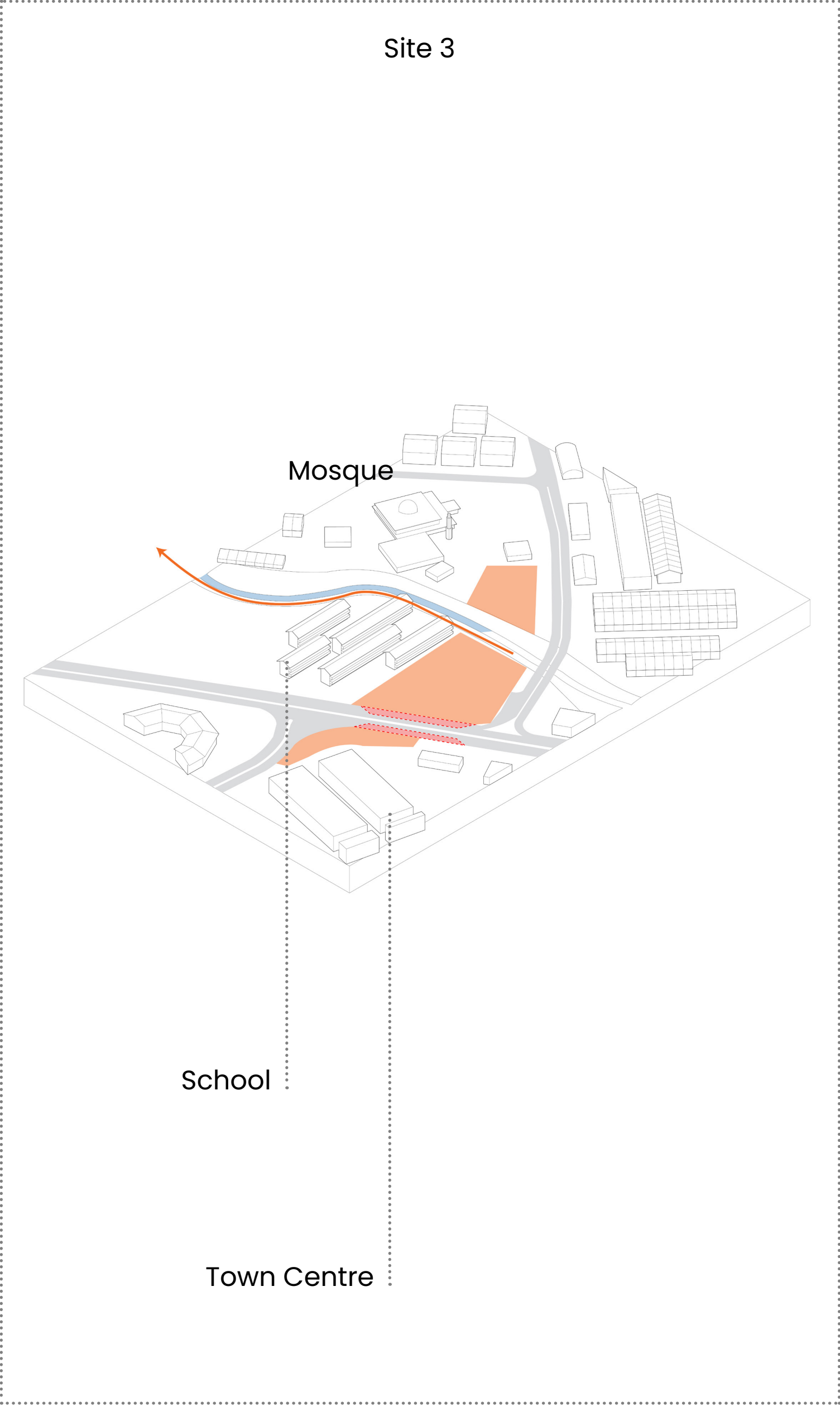
















Residential

Mosque

Primary

Informal  
commercial  
shops

Shoplots

Residential

Shoplots  
(Commercial)

0 10 m

1: 500 Masterplan



