

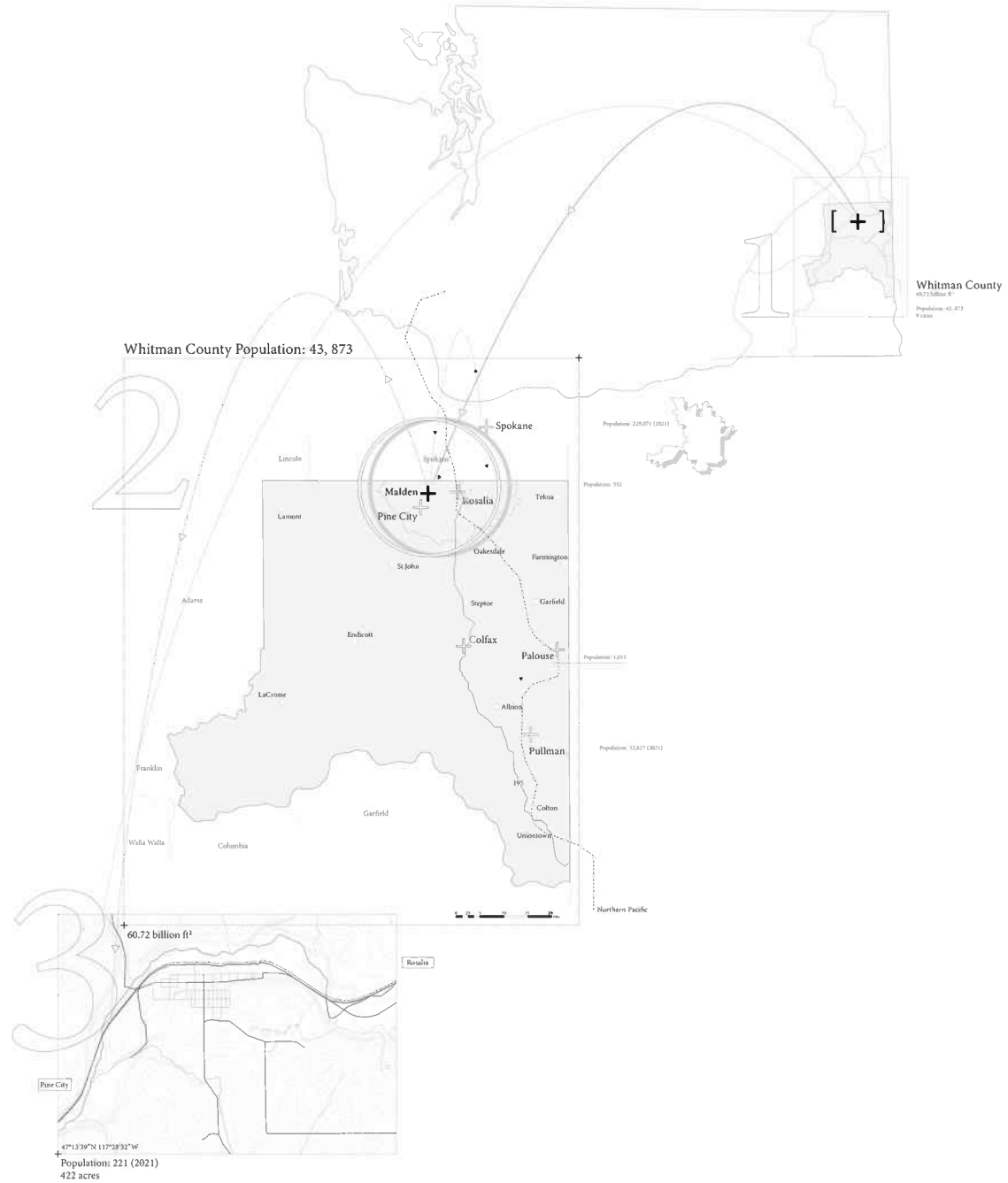
NEW MALDEN CITY

LND_ARCH 485

Senior Comprehensive Project

Presenter: Mallak Al-Salmi

INVENTORY



ANALYSIS

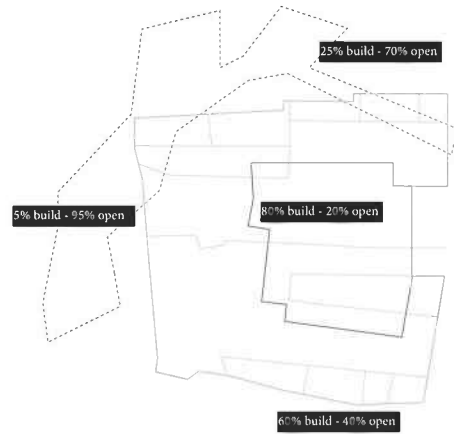


Fig.01

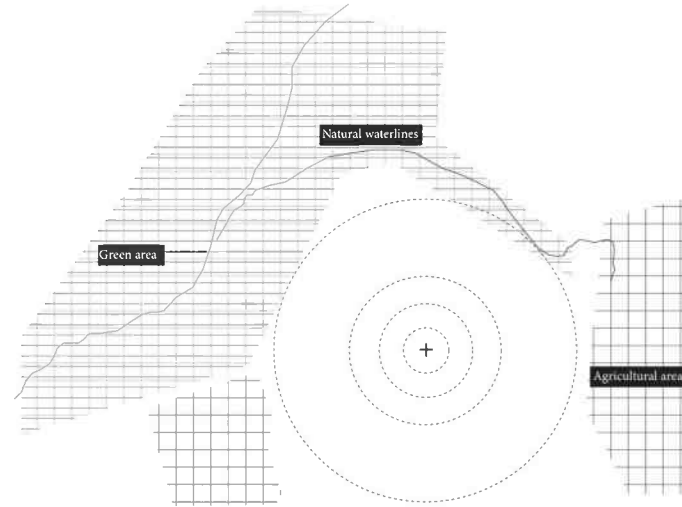


Fig.02



Fig.03



Fig.04

CITY CENTER CONTEXT

Transportation City Center Context

Bus / Road

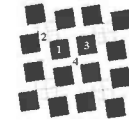
- T** Train (Amtrak)
- R** Main Road
- 1** Outer loop (Bus)
- 2** Inner loop (Bus)
- 3** Malden (Bus)

Cooperative lines

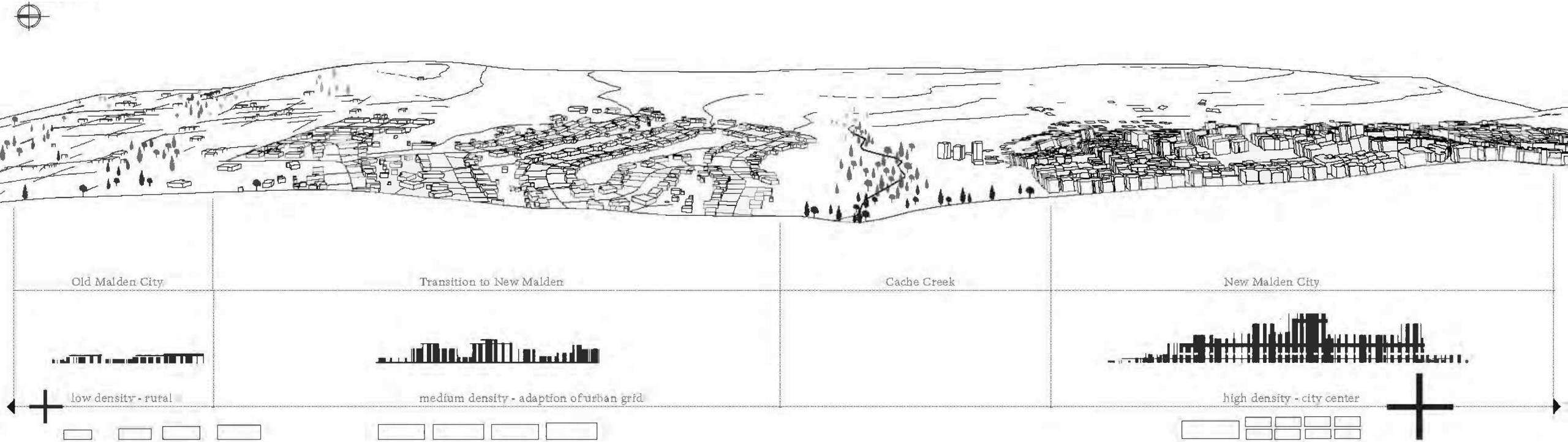
- A** Route A
- B** Route B
- C** Route C

Flexible Use Of Block & Space

- 1. Mix-use Building
- 2. Courtyard
- 3. Residential
- 4. Open space for public



DENSITIES | SECTION



COURTYARD



AGORA



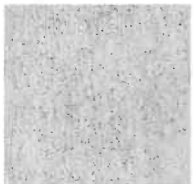
GARDEN



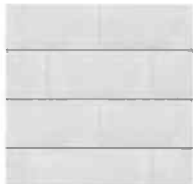
Materials



Metal roofs



Concrete



Fiber-cement siding



Tempered glass



Rock wool



Fiberglass

Fire-Resistant Paints and Coatings



Intumescent coatings



Cementitious coatings



Fire-retardant coatings



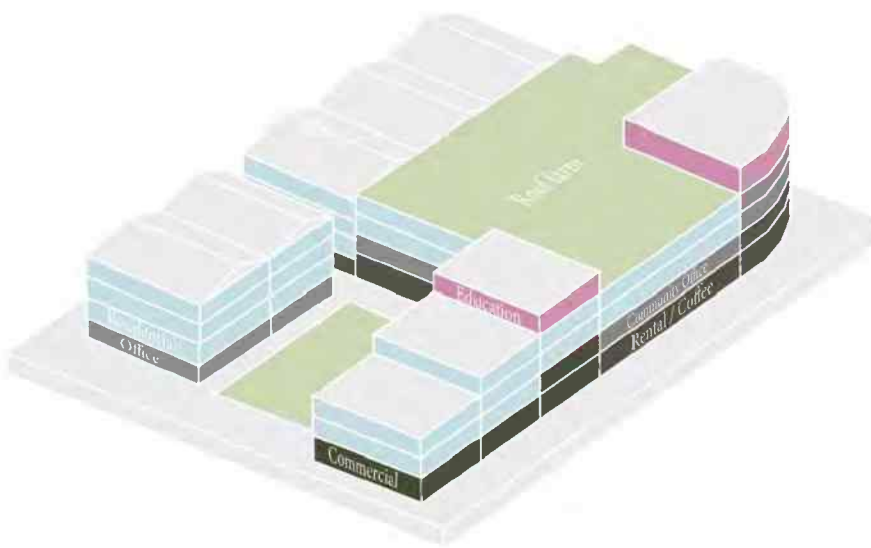
Latex-based coatings

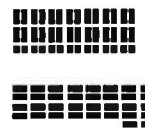
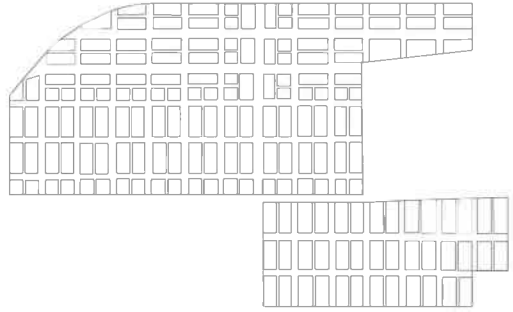


Epoxy coatings

Mix-Use Building Typology

The mixed-function community satisfies daily needs, and the retail on the first floor provides a safe experience both during the day and at night. The convenience of having retail and community functions located in the same building can make it easier for residents to access daily necessities, such as groceries and services. This can encourage people to stay within the community, reducing the need to travel elsewhere and further supporting the local economy. New Malden city can benefit from increased foot traffic in the retail areas, which can create a safer environment for residents and visitors.

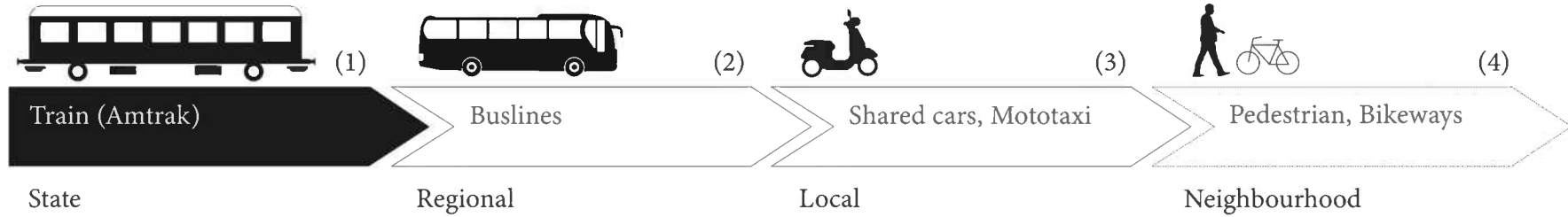
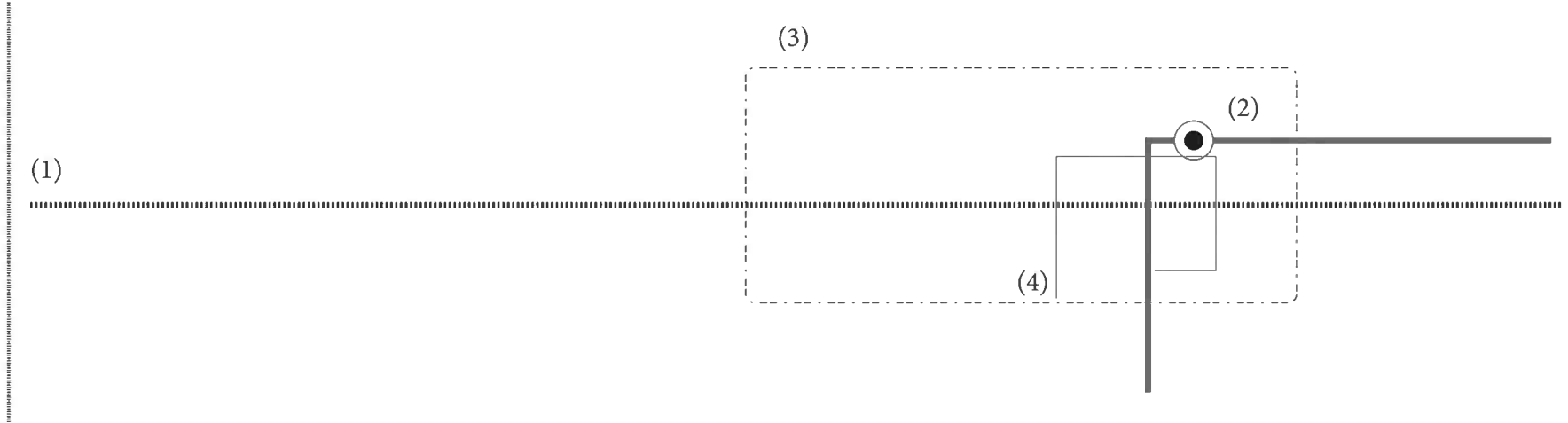
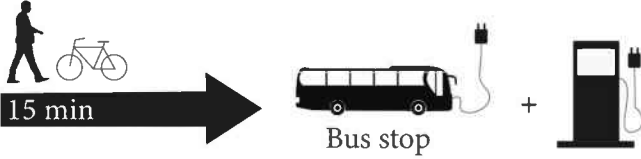


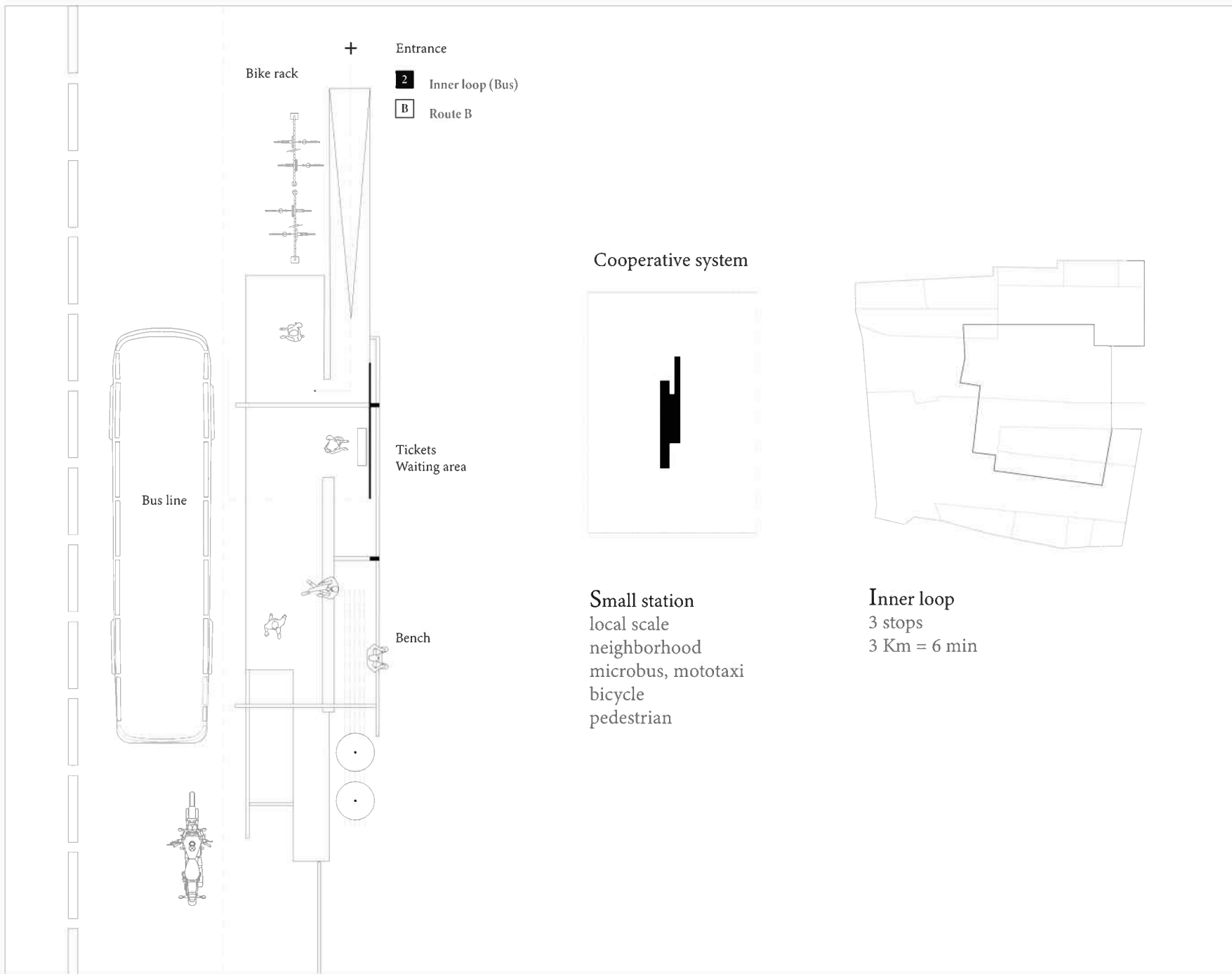


PUBLIC PLAZA

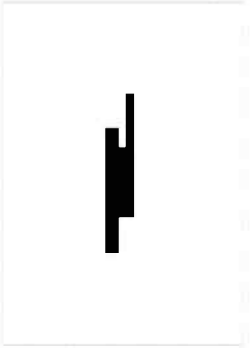


ECO-FRIENDLY TRANSPORTATION





Cooperative system

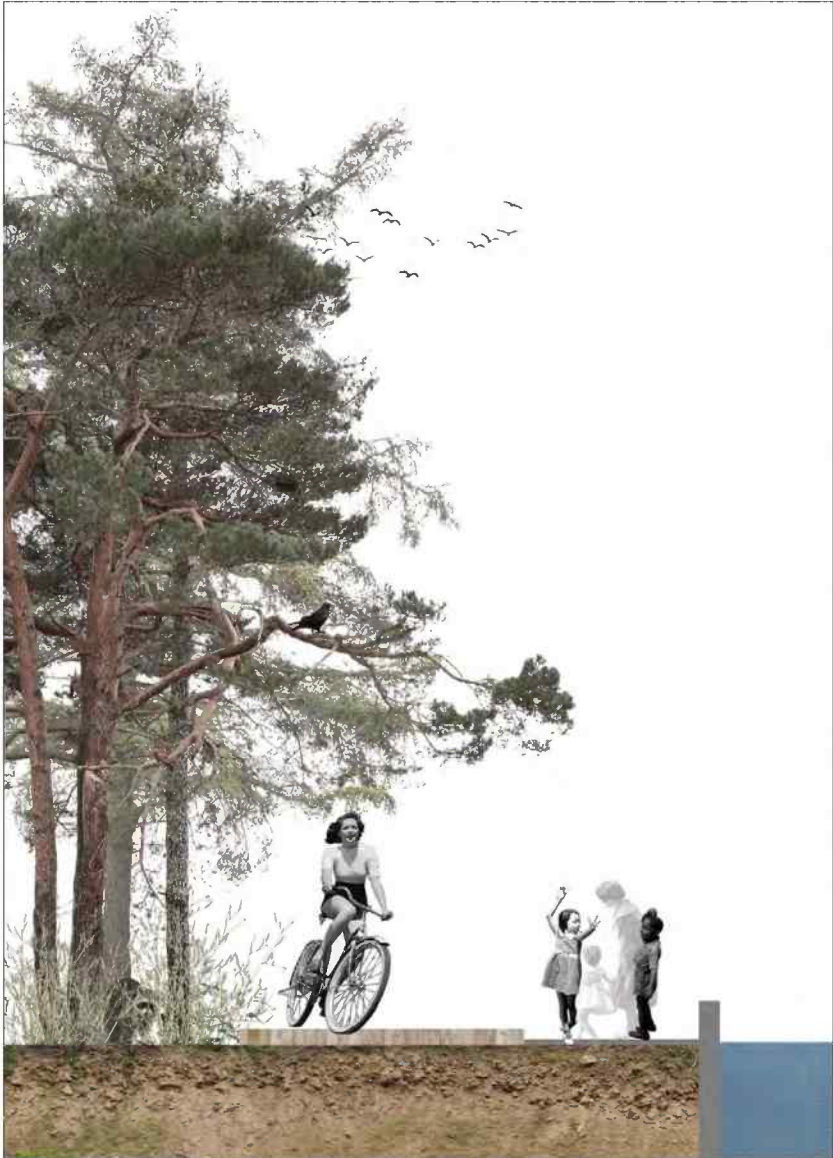


Small station
 local scale
 neighborhood
 microbus, mototaxi
 bicycle
 pedestrian



Inner loop
 3 stops
 3 Km = 6 min

Trails Connecting New Malden to Old Malden (Memorial Park)



Park trail | Bike lane 8ft | Pedestrian 5ft

Shaded canopy
 Low maintenance planting
 Visually pleasing leaves

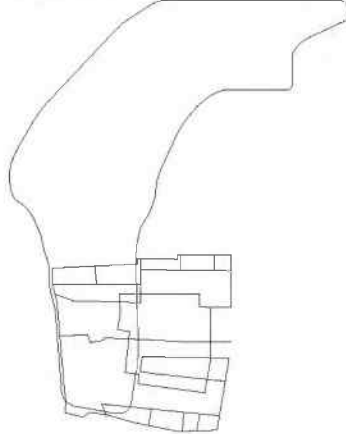


Heritage trail | Bike lane 8ft | Pedestrian 5ft

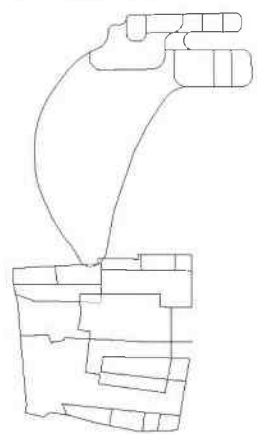
Shaded canopy
 Suitable for bird nesting
 Woodlands aesthetic

Proposed Trails Map

Park trail



Heritage trail





Thank you!