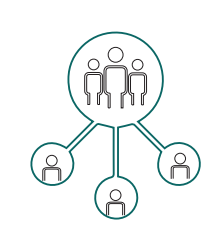


Manchester 2060

What does it take to create Calgary's First Low-Carbon Community?



Equity



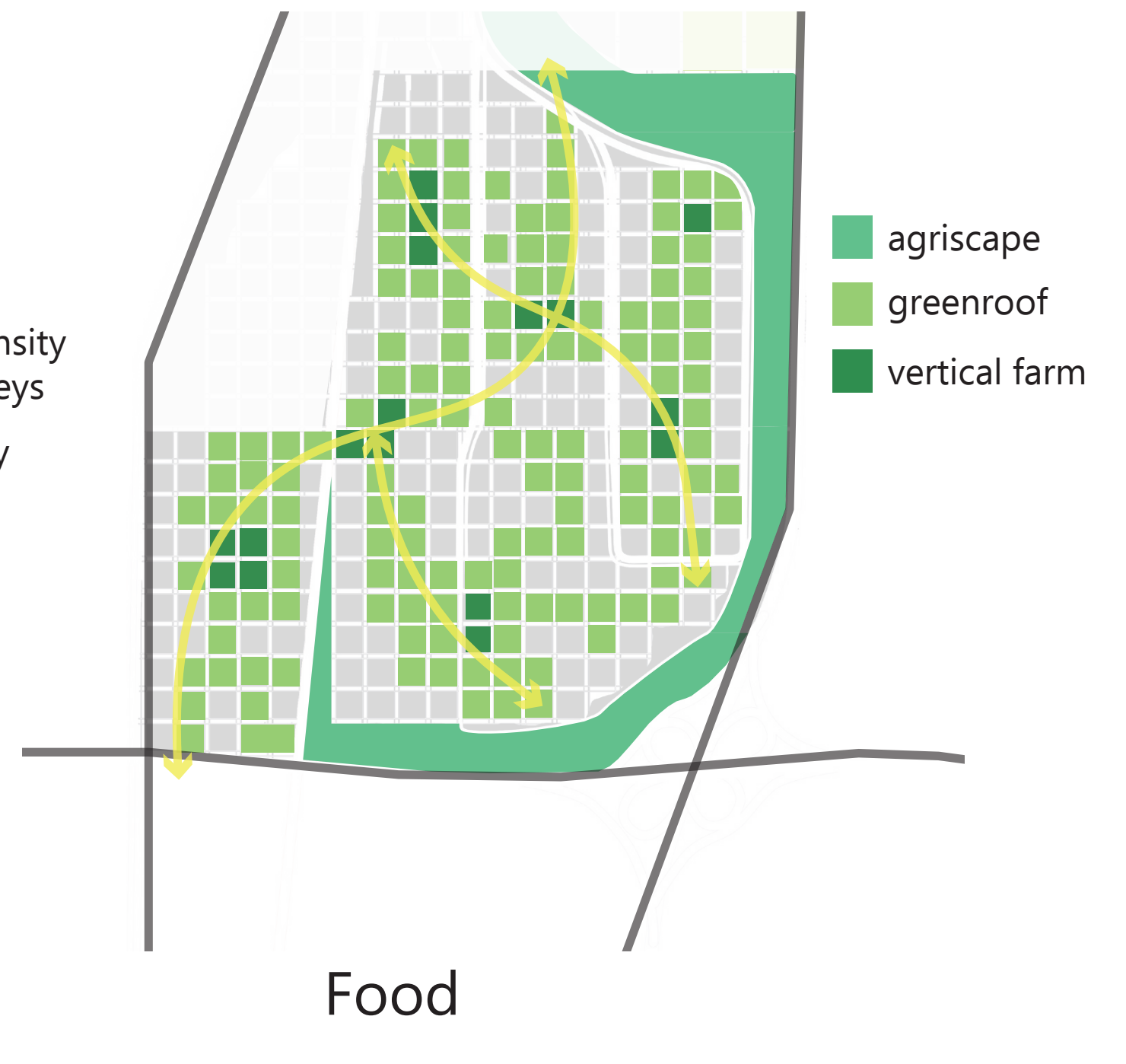
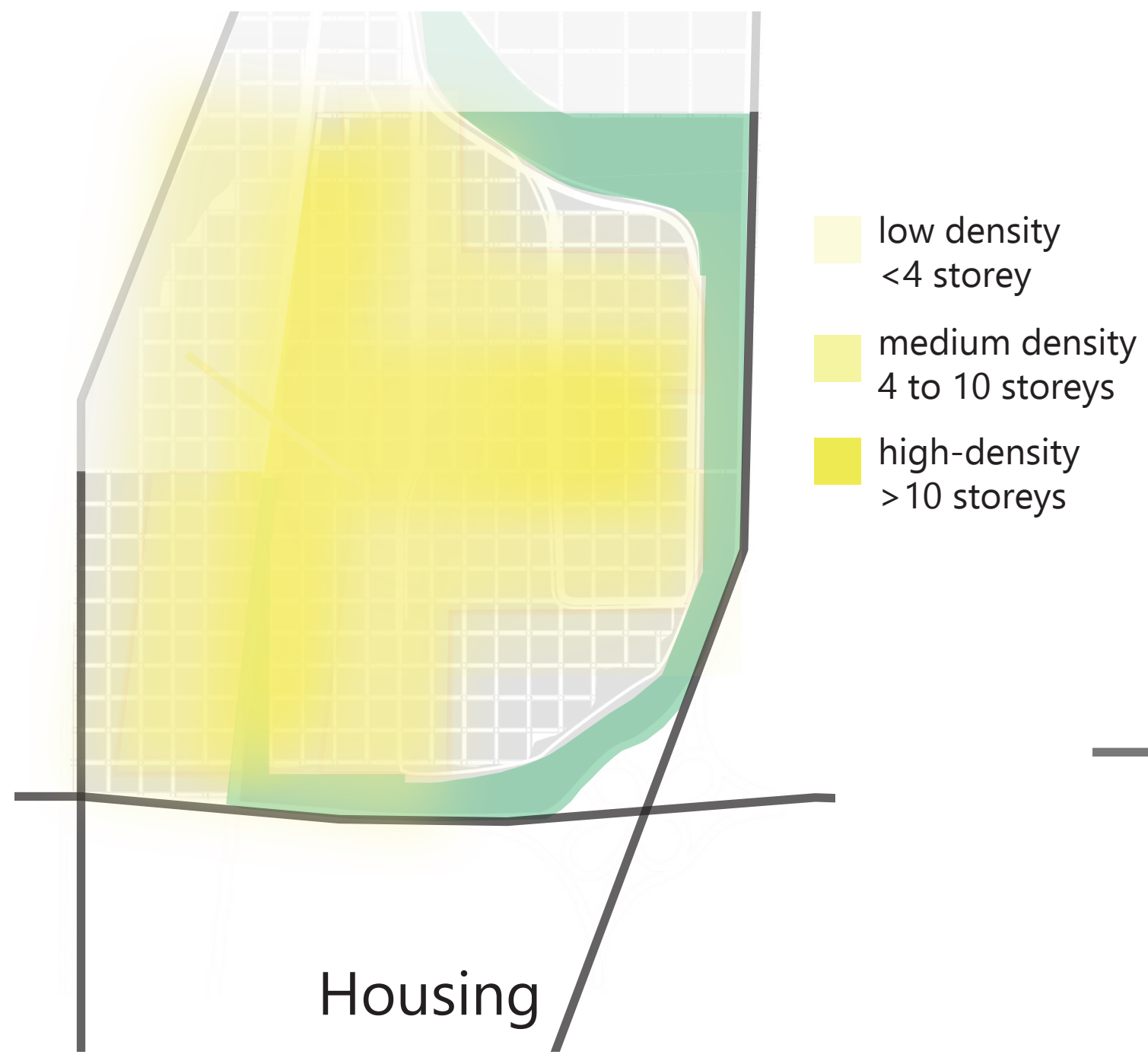
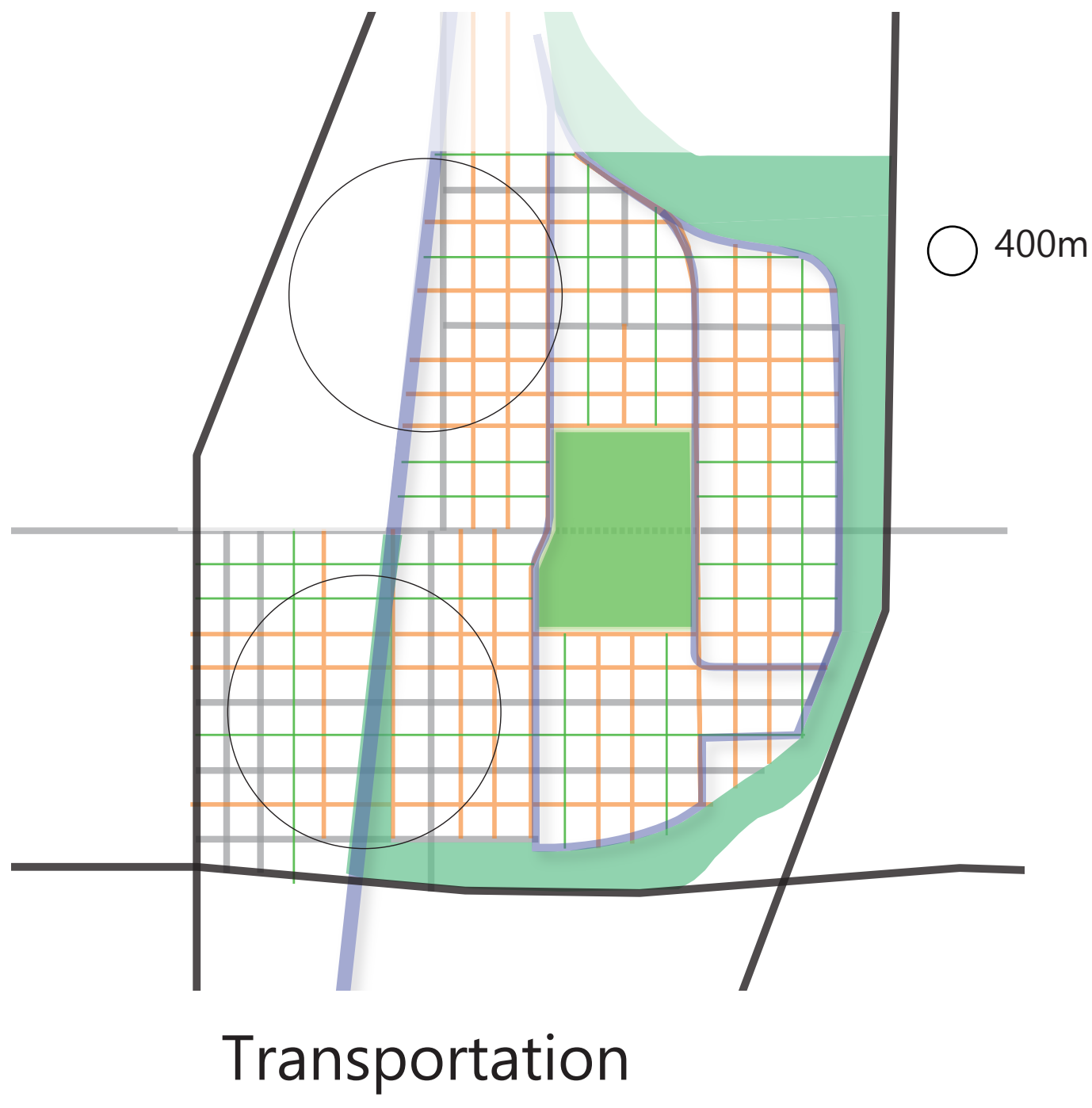
Connection



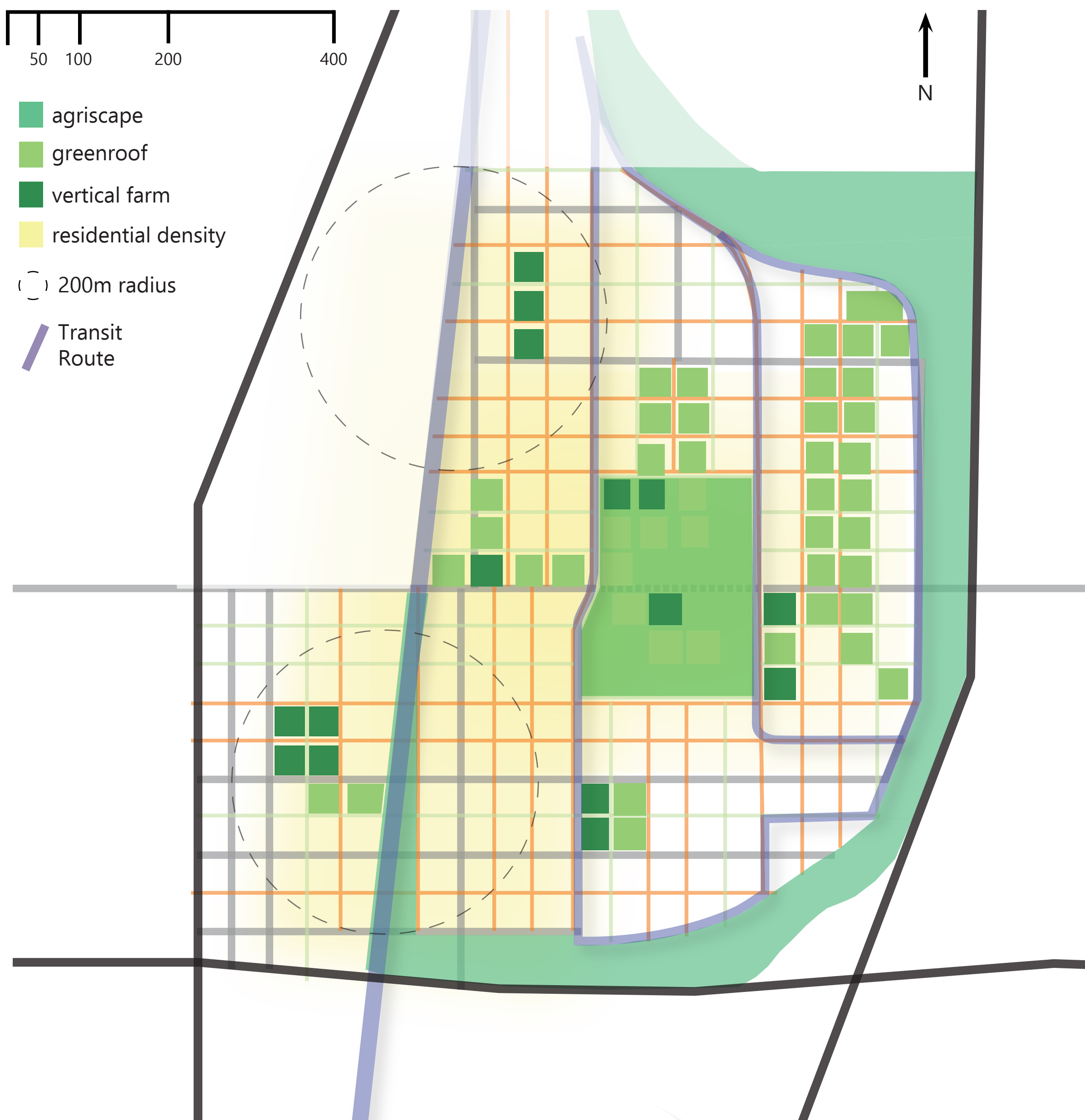
Resilience



Intensification



Infrastructure Concept



Transportation

- 100% serviced by transit
- 44% TOD zones = 195 acres
- 1 job for every 0.04 acres = 3,250
- Mode Split:
 - 10% vehicle (emergency/assistance)
 - 60% transit (LRT/street car)
 - 30% human-transit (walk/bike)

Residential/Mixed-use

- Density: 113ppl/acre
- 10% low density (45upa) = 35047 ppl
- 50% medium density (80upa) = 23365 ppl
- 40% high density (150upa) = 2628 ppl
- pop. 61,000
- 1 job for every 0.05 acres = 4620

Food Production

- Required Land: 50,000 acres traditional
- 2.5% vertical farming = 11 acres
- 15% agriscape = 66 acres
- 80% rooftop gardens = 185 acres
- 1 job for every 0.08 acres = 5,450

Energy Strategy
demand: 135, 226 MWh/year
wind turbines: 23
solar: 80 GWh on 160 acres

