

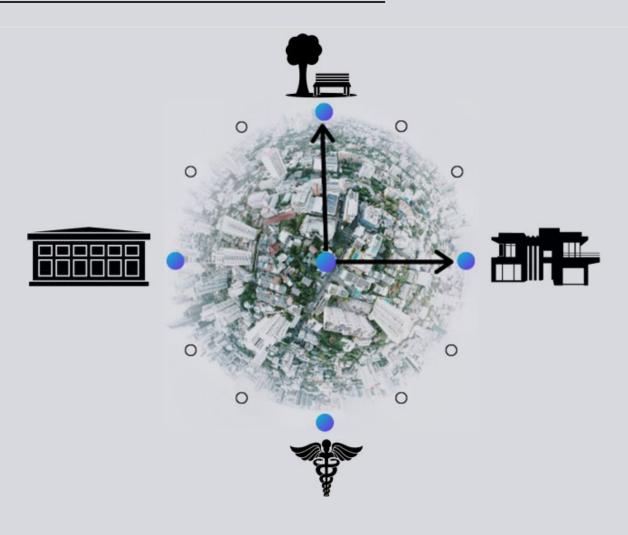
self-sufficiency for the future of Malden

KEYA PAYNE SENIOR CAPSTONE

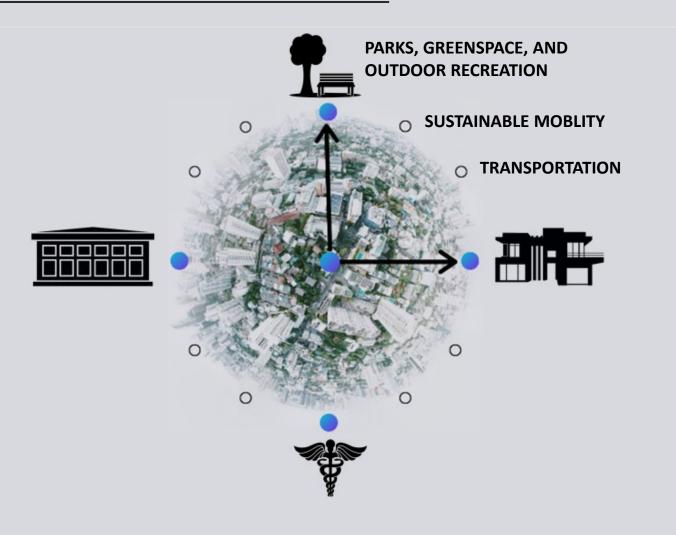




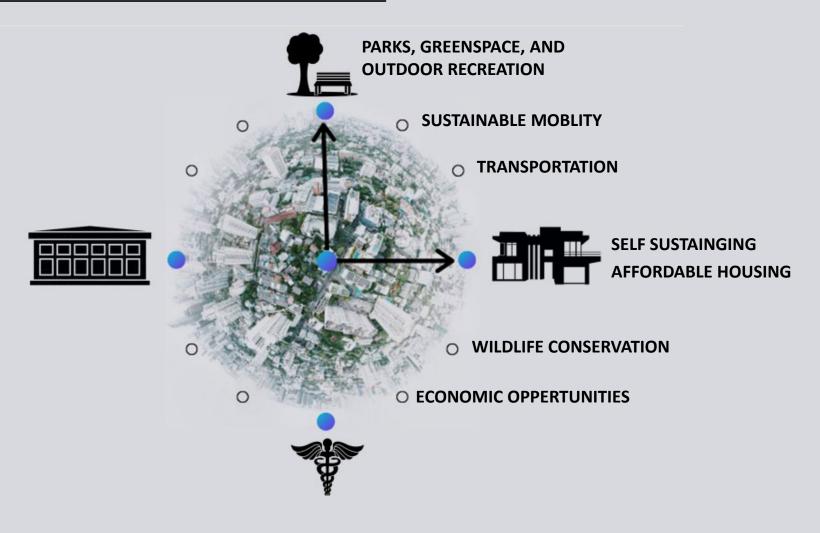
1. 15 min community



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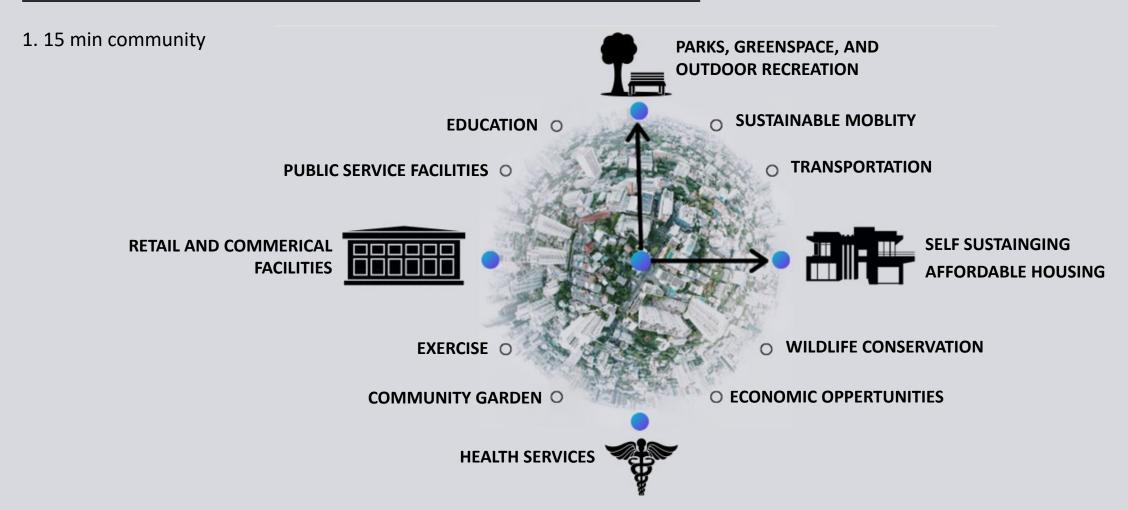


1. 15 min community



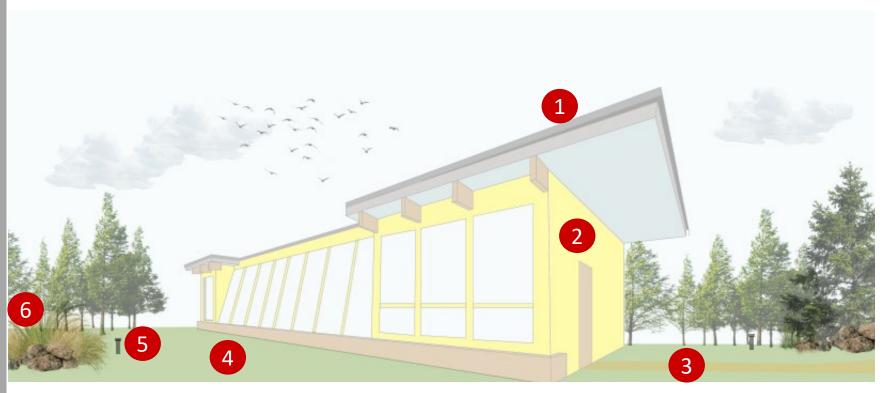
1. 15 min community PARKS, GREENSPACE, AND **OUTDOOR RECREATION** SUSTAINABLE MOBLITY **TRANSPORTATION SELF SUSTAINGING AFFORDABLE HOUSING EXERCISE** O O WILDLIFE CONSERVATION **O ECONOMIC OPPERTUNITIES COMMUNITY GARDEN O**

HEALTH SERVICES





2. Fire resistant design

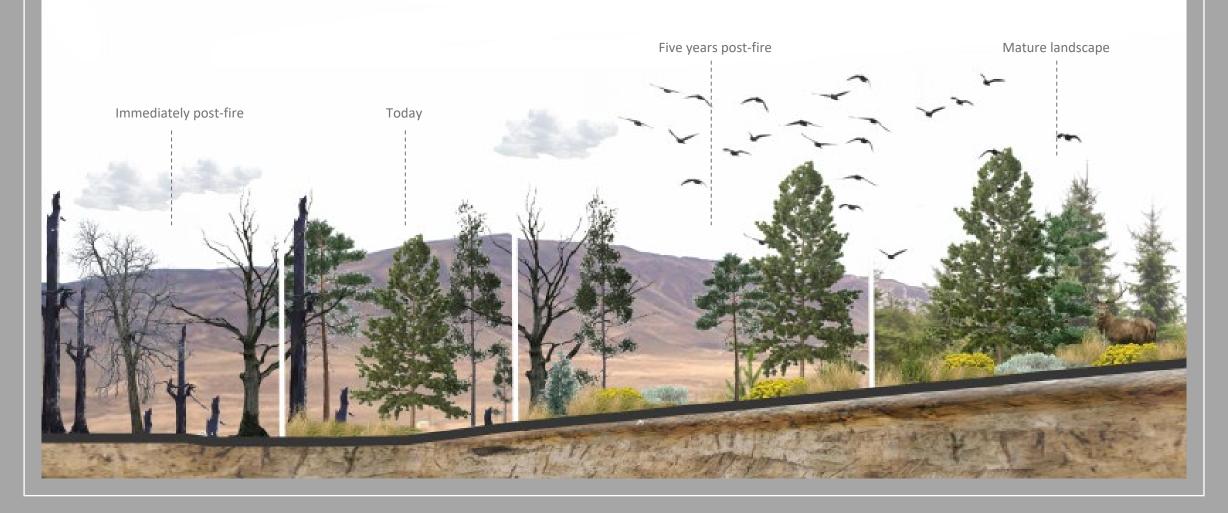


KEY

- 1. Fire resistant roof
- 2. Fire resistant walls and windows
- **3.** Emergency responder access
- 4. Home ignition zone
- 5. Irrigation system
- 6. Landscaping and fire wise plants
- 7. Disaster plan



3. Ecology restoration





Ecological restoration needed throughout Malden.



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Irrigation system needed for surrounding environment and to reduce fire risk.



Ecological restoration needed throughout Malden.



Irrigation system needed for surrounding environment and to reduce fire risk.



Possible area for housing, including open spaces.





Ecological restoration needed throughout Malden.



Open space that could be used for growing produce.



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Possible area for a 15min community.



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Possible area for a 15min community.



Roads could be reduced to Pine City Maiden RD.



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Possible area for a 15min community.



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Improvements needed to Palouse to Cascade State Park Trail.



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Possible area for a 15min community.



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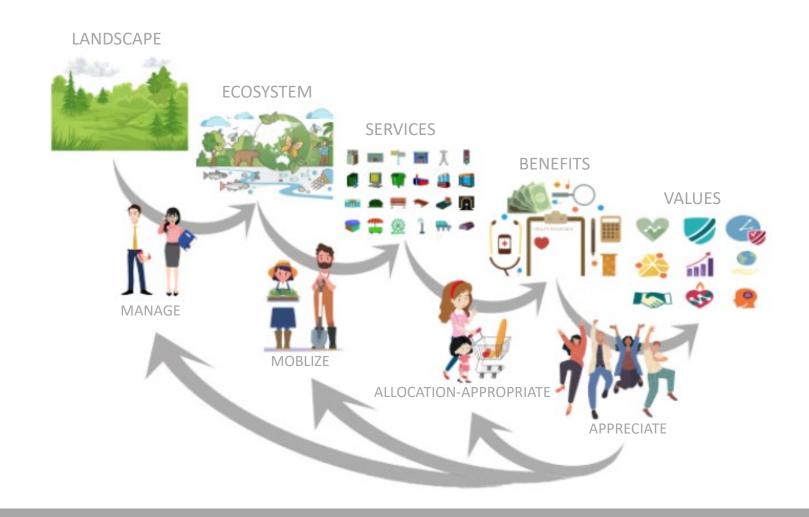


Improvements needed to Palouse to Cascade State Park Trail.

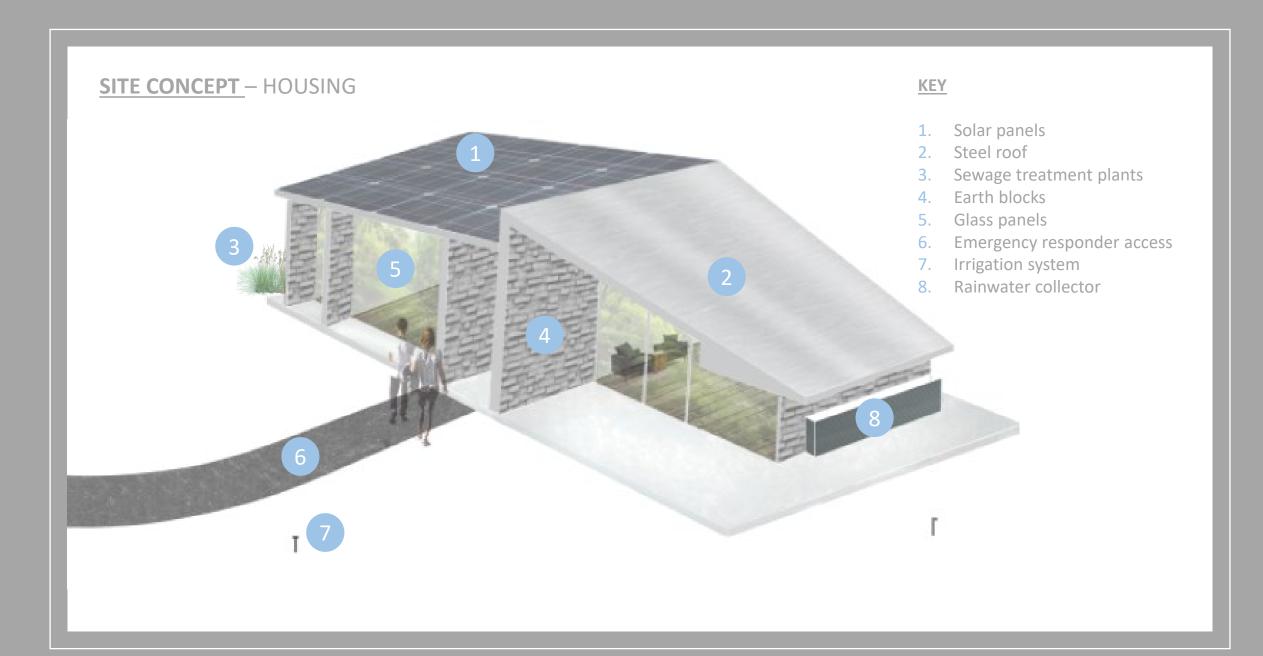


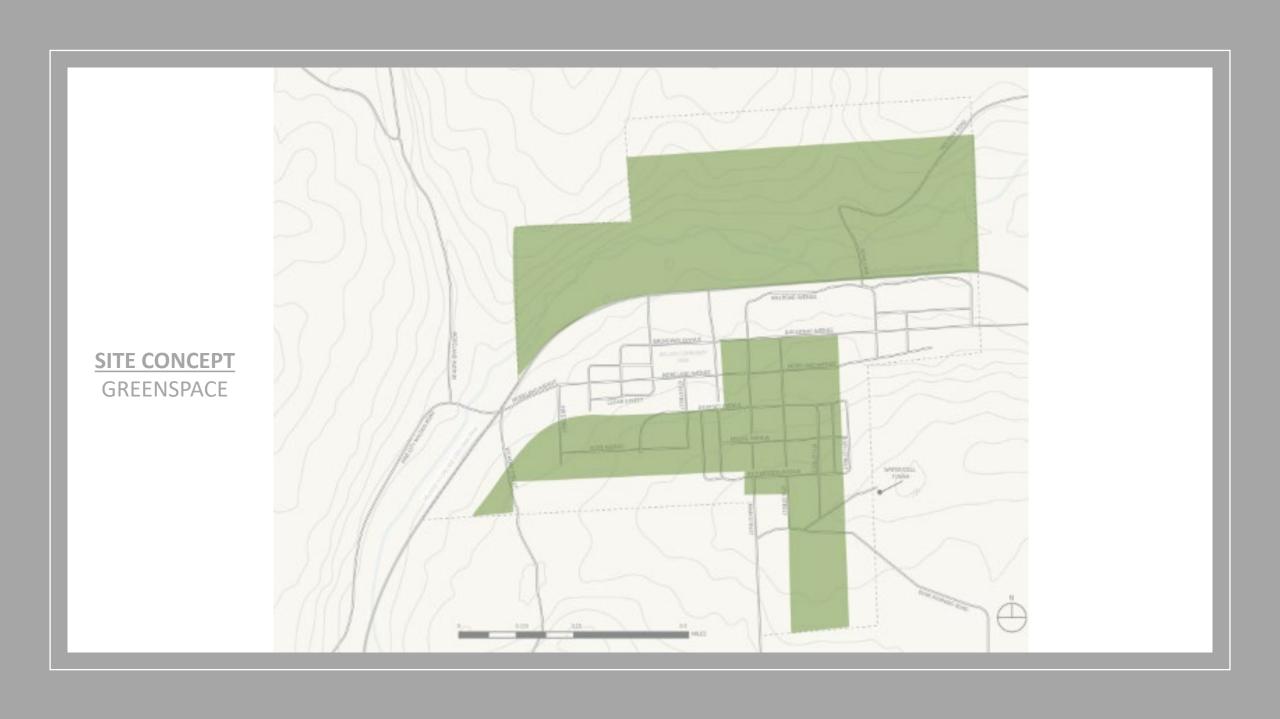
Pedestrian/bicycle circulation can be increased.

Ecosystem for Malden's Future









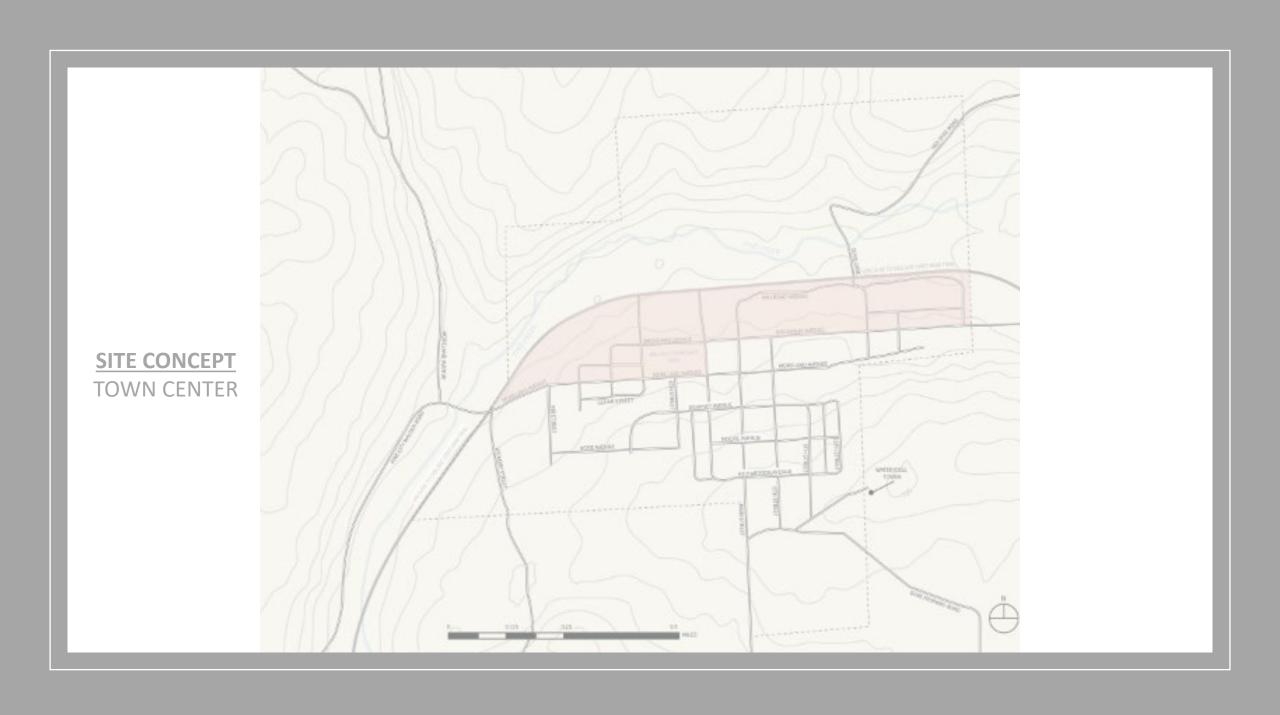
SITE CONCEPT - GREENSPACE



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This is a view of the greenhouses

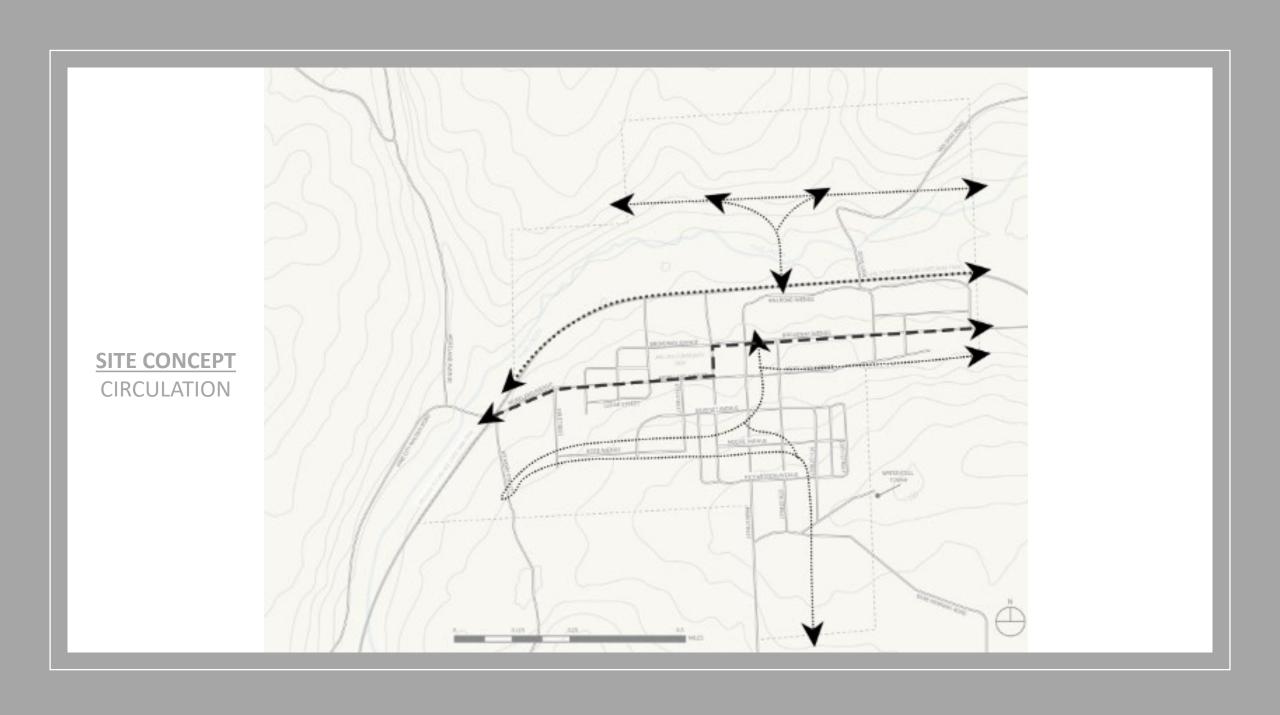


SITE CONCEPT – TOWN CENTER

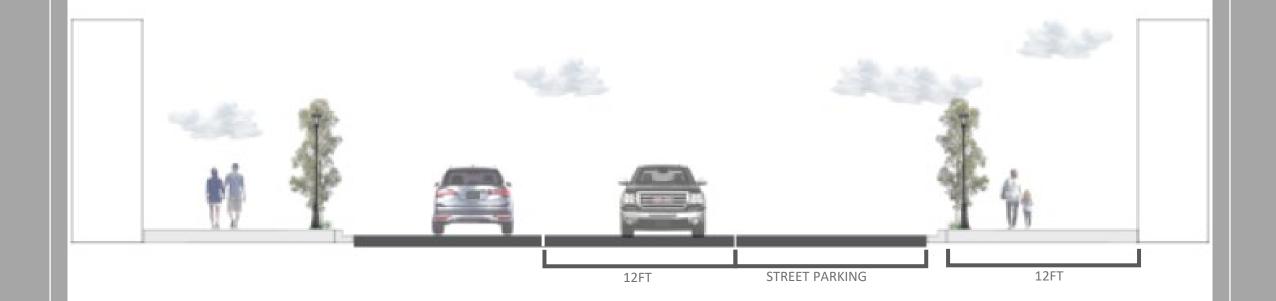
SITE CONCEPT - PARK







SITE CONCEPT - CIRCULATION

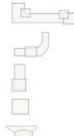






Master plan

LEGEND



TOWNCENTER BUILDINGS **TOWNCENTER BUILDINGS** TOWNCENTER BUILDINGS **TOWNCENTER BUILDINGS**

GREEN HOUSES

HOUSING

FLORA



NORTHERN CATALPA Catalpa speciosa



MOUNTAIN MAHOGANY Cercocarpus montanus



COMMON HACKBERRY celtis occidentalis



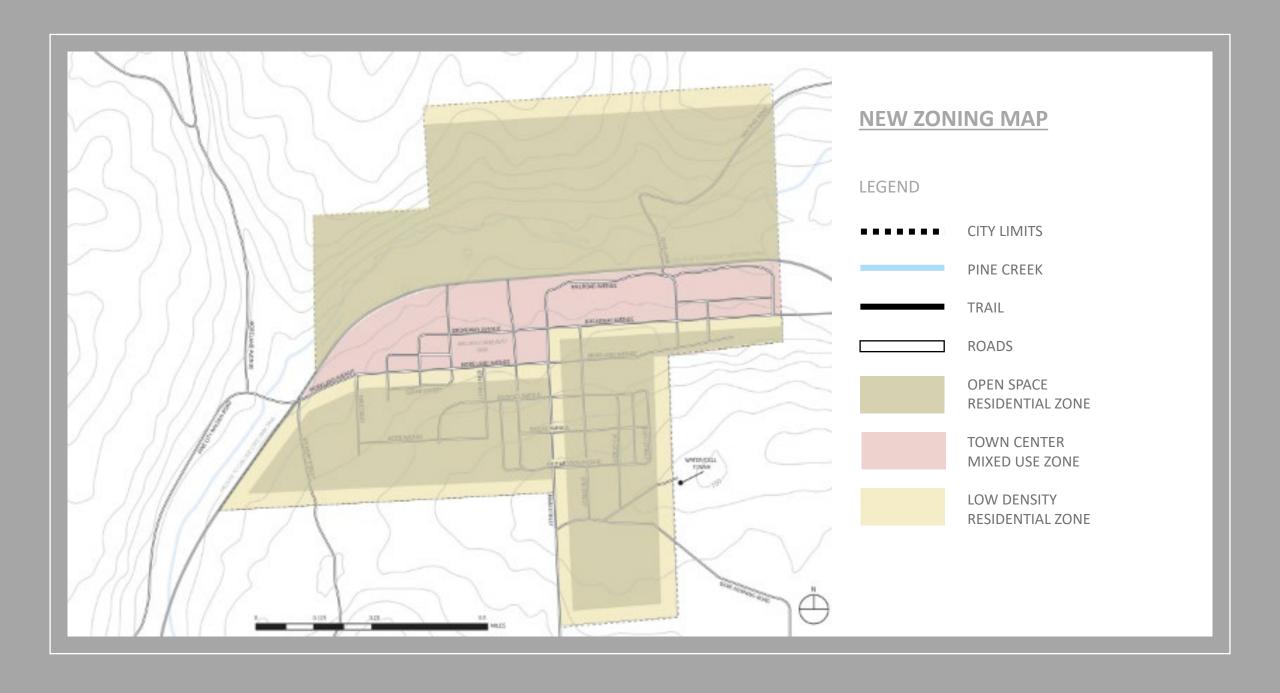
BLACK WALNUT Juglans nigra



EUROPEAN BEECH agus sylvatica



KENTUCKY COFFEETREE Gymnocladus dioicus





This is a view of the city plan



THANK YOW!

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