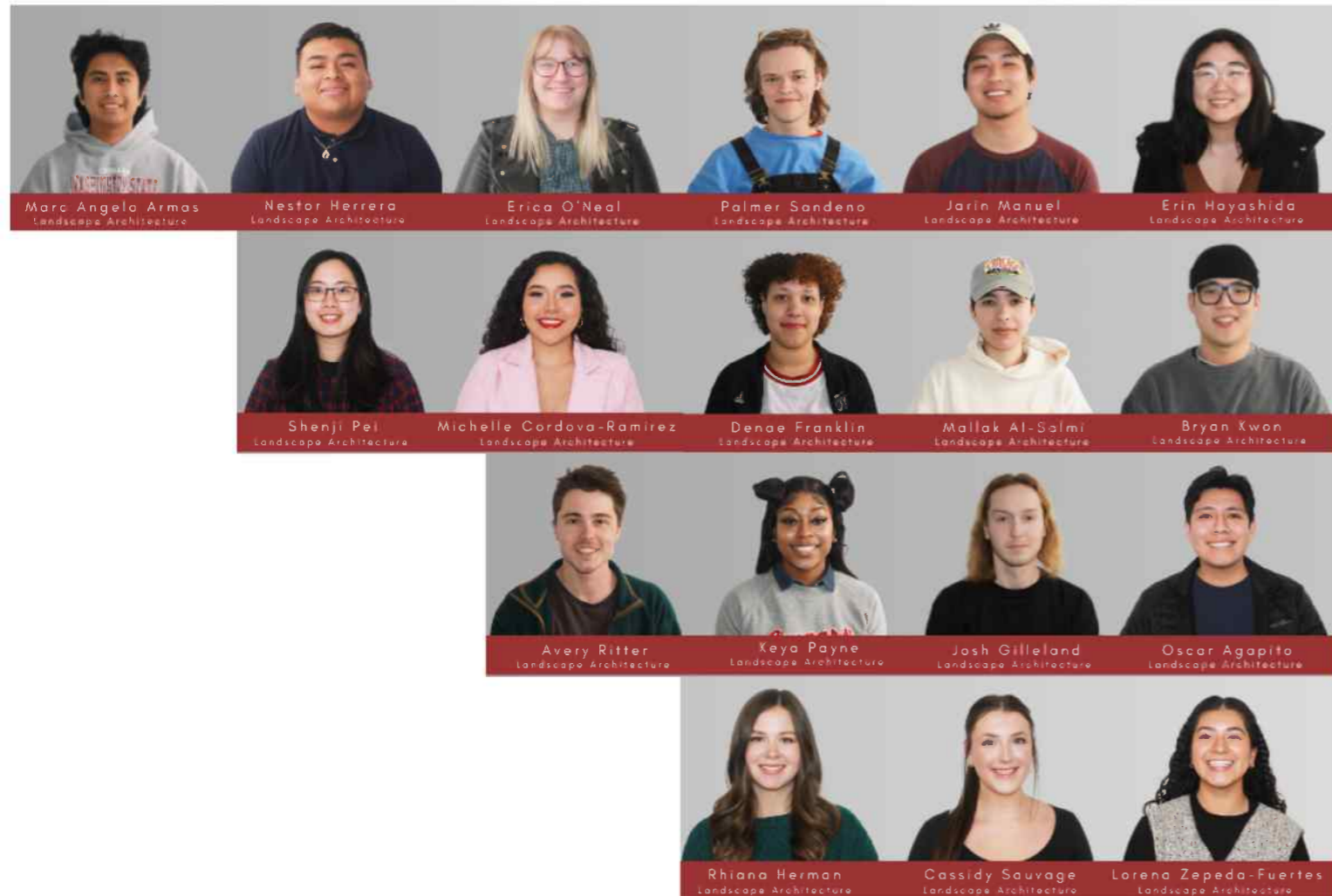


# WSU LANDSCAPE ARCHITECTURE CAPSTONE PRESENTATIONS 2023



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The following individuals, organizations, and agencies generously gave their time to the class.

**Chandelle Frick – Director PCCRLTRO & Clerk**

**Dan Hardwood – Malden Mayor & Town Administrator**

**Bob Law – Malden Council member & Food Bank Manager**

**Micki Harnois – Clerk**

**Jon Goyke – Malden Water Manager & the LTRO's Construction Manager**

**Scott Carlon**

**Rachel Blakely**

**Christine Oakley – Palouse Alliance, United Way of Whitman County, PCCRLTRO**

**Chris Overdorf – SCJ Alliance**

**Scott Rivas – SCJ Alliance**

**Casey Lowder – Pine Creek Conservation District**

**Melodi Wynne – Spokane Tribe**

**Laura Laumatia – Couer D'Alene Tribe**

**Jessica Peronne – WSU Center for Civic Engagement**

**Mark Swanson – WSU School of the Environment**

**Mark Billings – WSU School of the Environment**

**Ken Lokensgard – WSU Center for Native American Research & Collaboration**

**WSU LA Advisory Board Members – Jason Anderson, Jason Henry, Jena Jauchius, Luke Vannice**

**Landscape Architects – Kerstin Dettrich, Anne Hannenburg, Omar Guzman, Anita Buena**

*the Confluence*



confluence



Malden, WA

Pine City, WA



The Plateau Culture Area, showing the approximate locations of Indian tribes circa 1500, before displacement by non-Indians (with modern boundaries)









### Changes in Malden

Before 1909  
Relatively unsettled  
Farmer & ranchers



Locomotive



### Changes in the town of Malden



A depot and roundhouse were built up.

A large number of railroad employees poured in and settled here. There were businesses, steady jobs, and affordable hotels.

The use of steam locomotives rendered the turntable useless.



Malden was gradually out of use and no longer has a favorable situation.

After 1970  
The rails, passenger depot, and leftover maintenance structures were removed.



2020  
Rail turned into the Palouse to Cascades State Park trail.



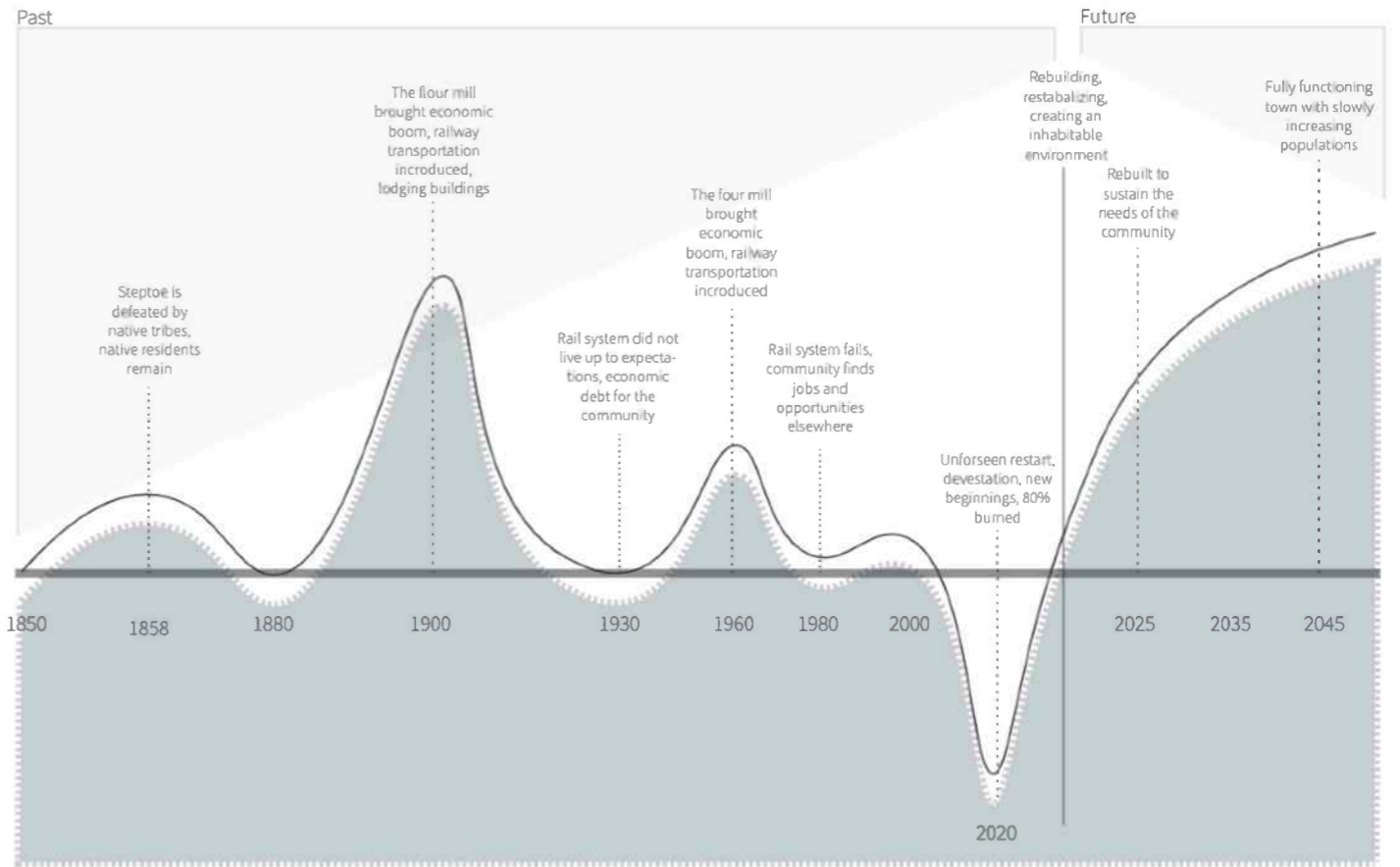
Wildfires have destroyed about 80% of the town.

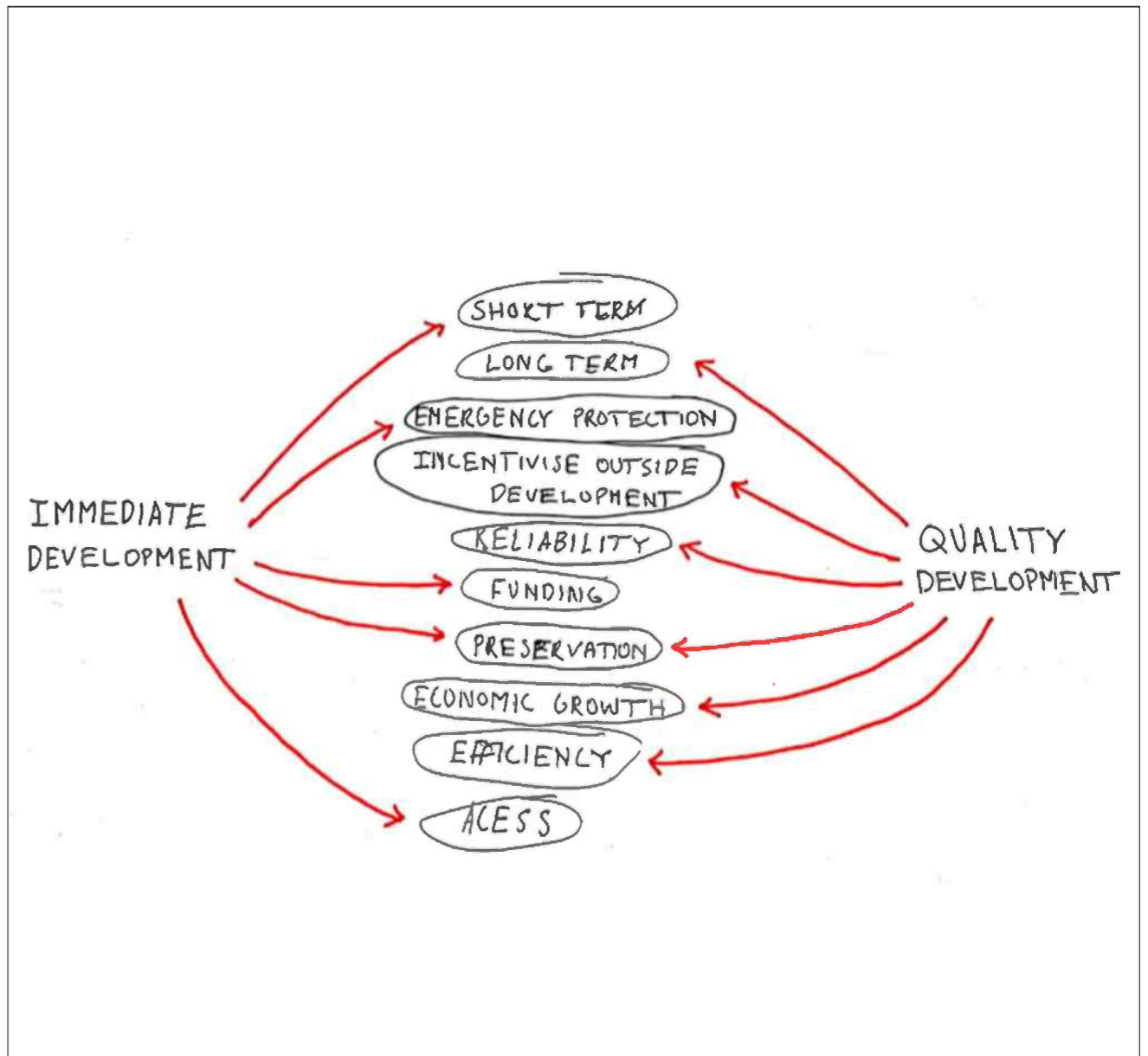
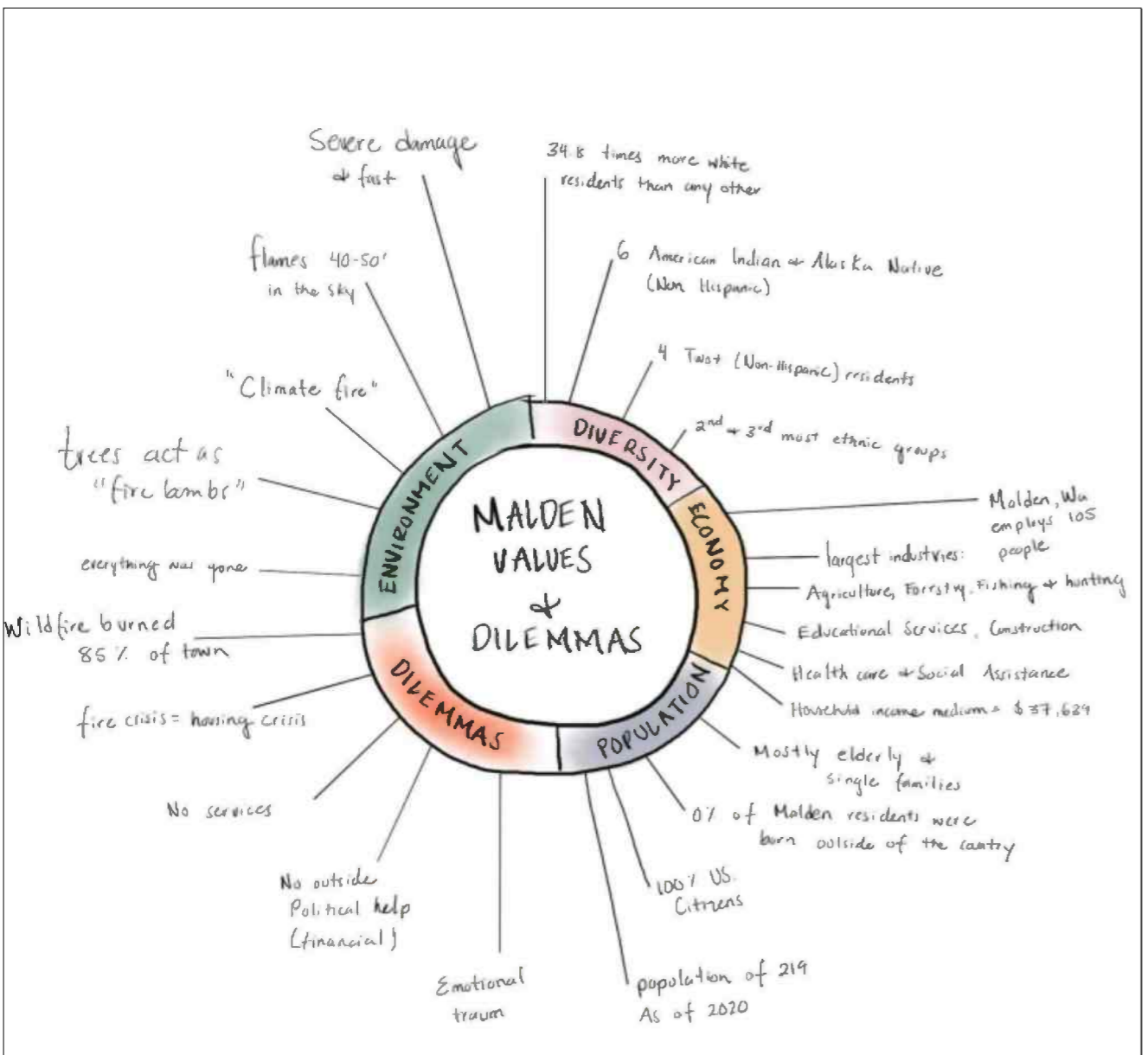


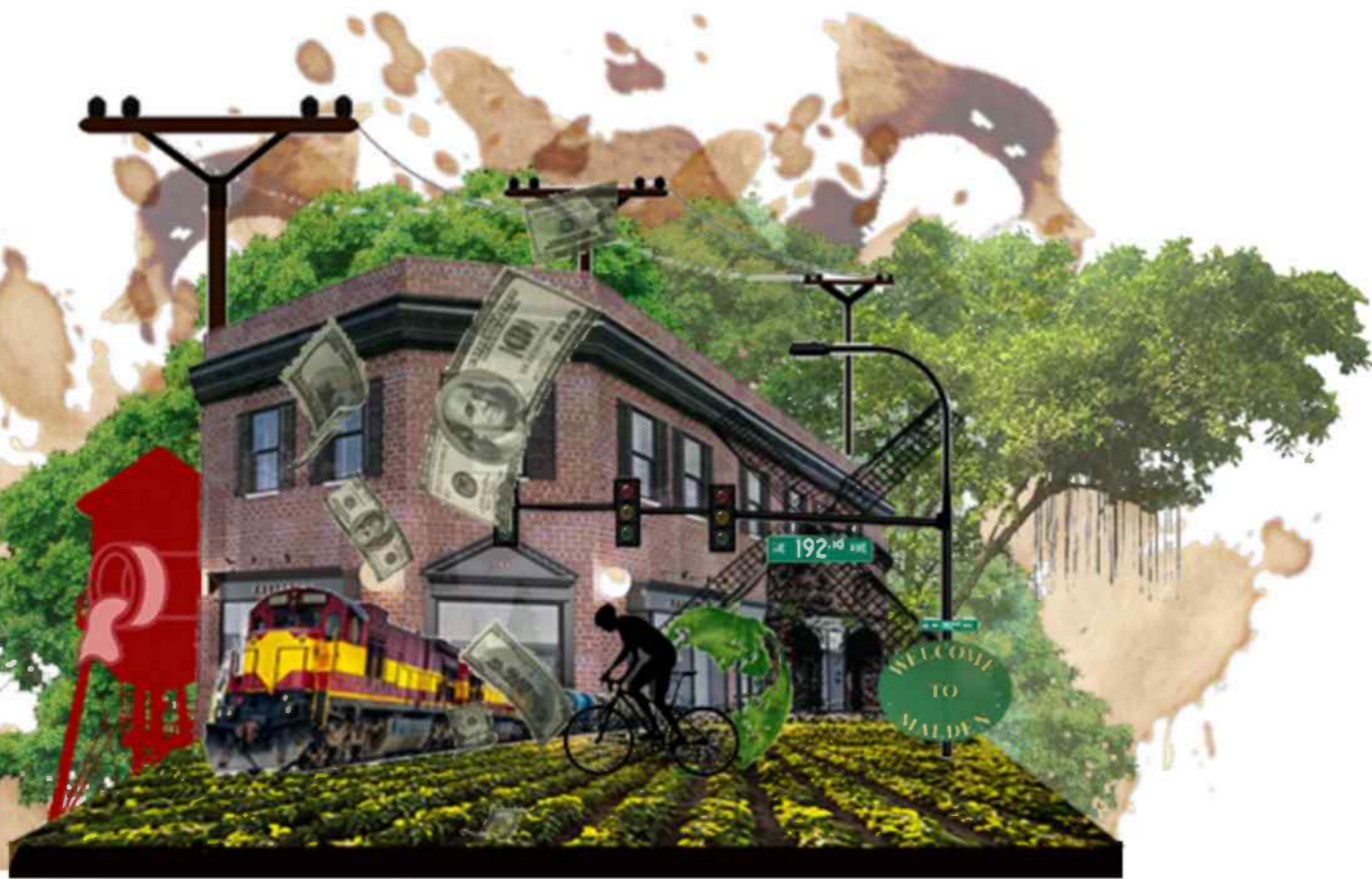
The remain of foundations for the 8-stall turntable

The old platform for a tank for fueling steam locomotives

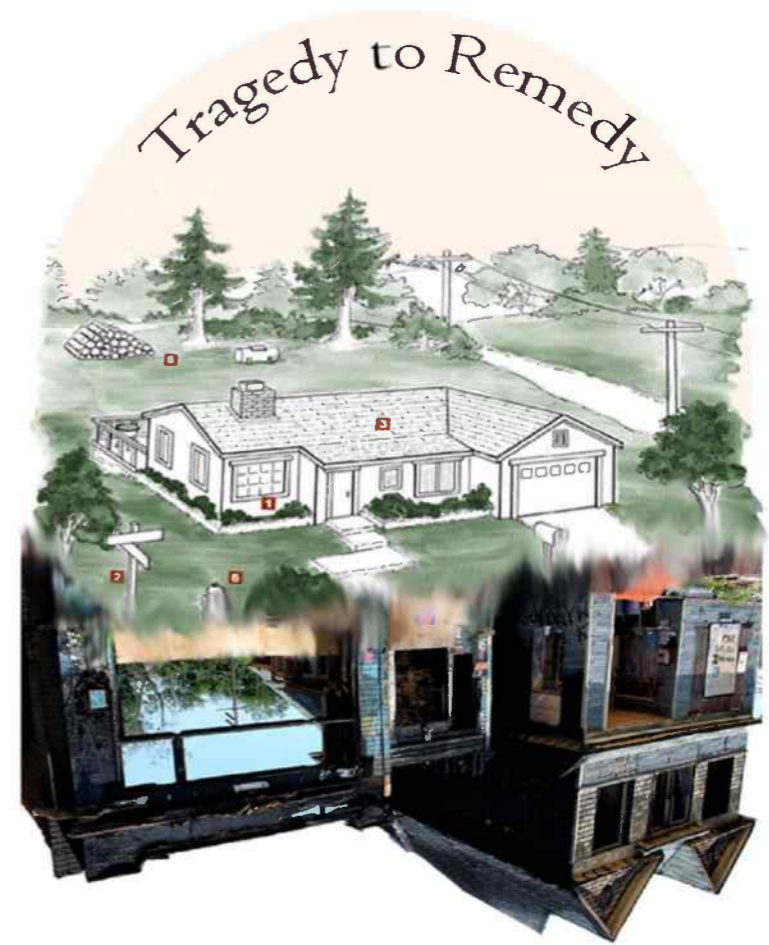
### Study Area Changes Over Time Historical Events Positively and Negatively Changing the Community of Pine Creek and Malden







DESIGNING OPPORTUNITIES FOR THE FUTURE





Malden Planning Report  
Adopted: June 22, 2021

### Long-Term Recovery Plan Malden, WA



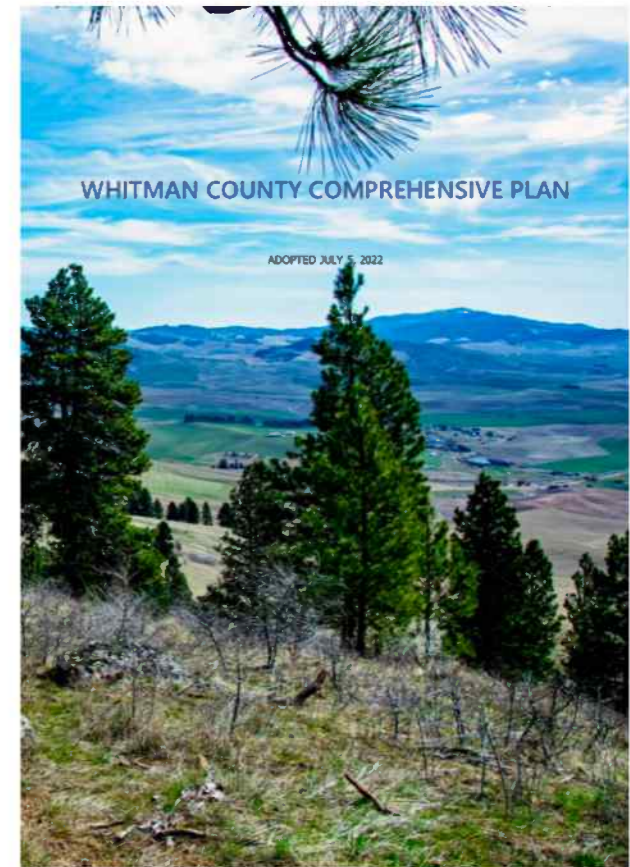
April 1, 2022. EWU, Urban and Regional Planning, Advanced Planning Studio

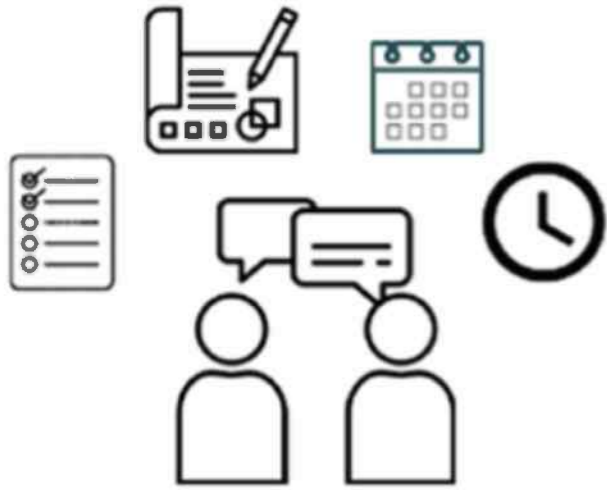
### Malden Fire Resiliency Plan Part One: Summary Background Report

EWU, Urban and Regional Planning, Advanced Planning Studio

### WHITMAN COUNTY COMPREHENSIVE PLAN

ADOPTED JULY 5, 2022





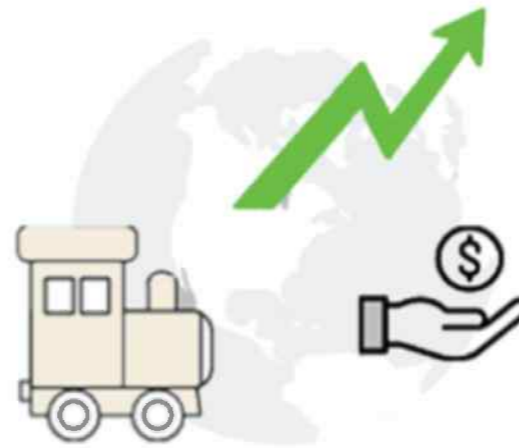
**Planning**

Develop Emergency Alert and Notification System, Fire Codes, Evacuation Plan, Planning and Zoning, Fire-resistant.



**Community**

Civic/Community Center, Sewage System, Water Management, Emergency Warning System.



**Economic Growth**

New Economic and Employment opportunities, Public Transit, Self-Resilient Economy.



**Affordable Housing**

Affordable Housing, Diverse Housing Options, Long-Term Housing Resource Center.



**COMMUNITY WILDFIRE PROTECTION PLAN**

Collaboration of local and state governments, stakeholders, and community members to create a CWPP for the town. This includes addressing areas with hazardous fuels and the need for reduction or treatment of these hazards.



**RESILIENCY**

Resilience is:  
 Persistence- to maintain function after change.  
 Adaptability- to continue on during periods of change.  
 Transformability- to learn, innovate, and transform during a crisis and create a new system.



**ZONING**

Zoning interests included mixed use town center, low density residential, open space residential, and future land use. This could be various housing types, recreation spaces, shops and dining areas, and areas for further development.



**WILDLAND PROPERTIES**

Wildland fuel properties include moisture content, size, spacing, mass/density, and plant chemical properties. All of these properties contribute to how a fire burns.



**FIRE WEATHER**

High air temps, low humidity, biomass moisture, droughts, and wind are all factors in creating ideal fire weather where a mild fire can turn severe more easily.



**RAILBANKING**

Railbanking gives you the opportunity to use the tracks as a walkable trail when unused. This systems also provides emergency transportation and services.



**PROTECTION OF PRIVATE PROPERTY RIGHTS**

Legal measures should be put in place to make sure that property owners are able to maintain ownership over their land should they wish to.



**MULTI-USE TRAILS**

Roads for vehicles, lanes for bikers, and sidewalks for pedestrians are all multi-use trails that link neighborhoods to business districts and create connections with recreational and natural areas within Whitman county.



**WIND AND SOLAR POWER GENERATION**

The comprehensive plan benefits the Malden and Pine Creek areas by including wind and solar generation.



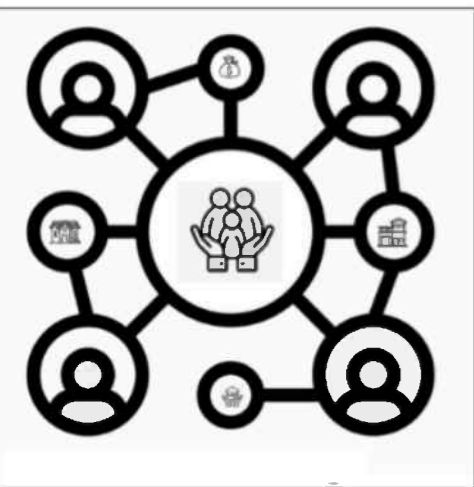
**MAINTAIN RURAL CHARM**

While industrial and commercial development are desired, Whitman County would still like to maintain the core of its rural culture and character.



**PRIME FARMLAND**

Caring for land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and is also available for these land uses



**Completed Community**

A Completed Community has all of the different pieces that people would want, making it feel whole.



**Fire-aid/Proof**

It is important with a community like this, who has suffered greatly, to help band-aid the past fear.



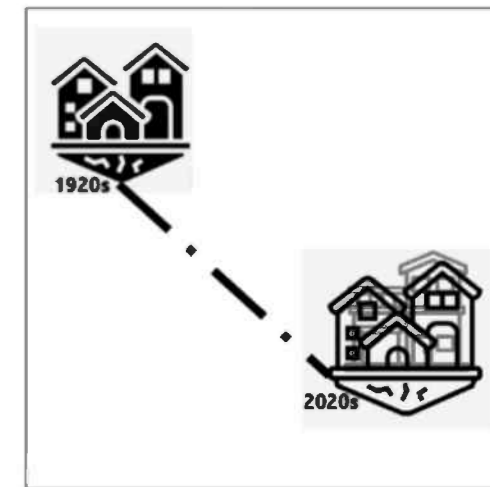
**Housing for All.**

Housing for All intends to create housing for a diverse population of people.



**Affordable Housing**

Affordable housing is down to making housing prices manageable for those who intend to live in Malden, balancing quality with price.



**Updated Housing**

Most of the pre-existing houses in Malden were built before 1939, so bringing things into the modern is important.

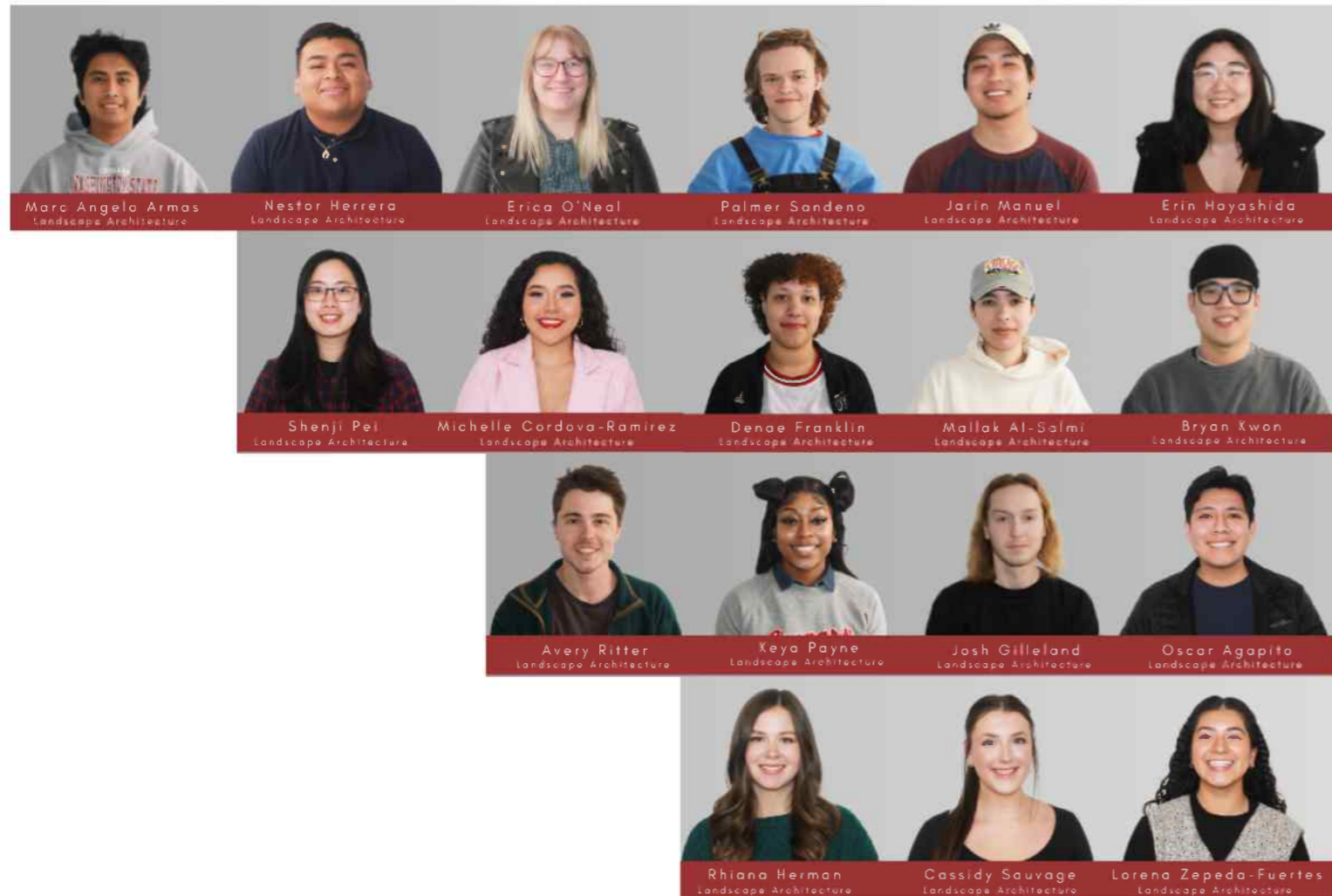








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