WSU LANDSCAPE ARCHITECTURE CAPSTONE PRESENTATIONS 2023
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 Carlion**

**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
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

1909-1920
A depot and roundhouse were built.
A large number of railroad employees poured in and settled here. There were businesses, steady jobs, and affordable homes.

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

2020
Wildfires have destroyed about 80% of the town.

Changes in the town of Malden

The use of steam locomotives rendered the turntable useless.

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

Past

Future

Rail system did not live up to expectations, economic debt for the community
Rail system failed, community finds jobs and opportunities elsewhere
Unknown natural disaster, operation; one begins, 60% burned
Rebuilt to sustain the needs of the community
Fully functioning town with slowly increasing populations

Revising, revitalizing, creating an inhabitable environment

Revising, revitalizing, creating an inhabitable environment
Long-Term Recovery Plan
Malden, WA

Malden Fire Resiliency Plan
Part One: Summary Background Report
Planning

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

Community

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 the capacity of a system to absorb shock and adapt to disturbance, while sustaining its essential functions, structures, and processes.

Zoning
- Zoning strategies include mixed-use zoned low density residential, open space, rural, and future land use. This could be various housing types, minimizing spaces, shops and drug areas and areas for further development.

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

Fire Weather
- High air temps, low humidity, high moisture content, drought, and wind are all factors in creating ideal fire weather where a wild fire can turn severe more easily.
RAILBANKING

Railbanking gives you the opportunity to use the tracks as a warning trail when needed. This system 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 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, fiber, fiber, and alined 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 1920, so bringing things into the modern is important.
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