

**Summary of Your Design Narrative:** Please provide a summary of your design in 500 words or less. \*

*Where is it located? Who is the community impacted? Problems solved? What goals does it achieve?*

Where is it located?

Property is a 15-acre property on Person Drive in Peyton, Colorado, was once part of a 500-acre plot, an ostrich farm, and the unceded territory of the Cheyenne people, who hunted and utilized the trail system next to these lands. It is now the site of a future community-focused wool mill that enhances the local economy, encourages self-reliance, and exemplifies regenerative living through permaculture design. At present, no chemicals are being utilized, and it is recommended to maintain this approach. The landscape features slopes ranging from 4 to 17% grade in certain areas, with undulating hills. The parent material consists of arkosic alluvium originating from sedimentary rock, comprising a mix of sandy loam and sandy clay loam. It falls under Hydrologic Soil Group B, which signifies moderate infiltration rates.

Who is the community impacted?

We anticipate a large outreach in the coming years. The community impacted are within the Southern Colorado area, including local farmers, wildlife, children, church groups. Opening the door to the idea of a circular, local economy. Fair Share.

Problems Solved?

Lack of local wool mill in the area. The closest wool mill to residents in El Paso County Colorado is 2 ½ hours away in Estes Park.

Solution for Blackwater Effluent. Using an Advanced Ecologically Engineered System (The Living Machine) to clean effluent coming out of wool operation.

What goals does it achieve?

Ethically and sustainably sourced clothing, comradery, another place to study and demonstrate permaculture design. Food Security. Community. Multiple energy systems and water collection systems. Growing food in regenerative ways that work with nature and capture energy.

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**Design Impact and Visibility:** We are looking for designs that reach multiple partners and stakeholders and that shine light on permaculture solutions. \*

*Who benefits from this design? Who sees and interacts with it? What potential does your design have to become a permaculture viral meme (aka catch on with media and spread)?*

The project's design will be displayed in the Farm Manager & Classroom area at the office premises, accessible to community members, homeschool collectives, church groups, and regional farmers. It will serve as an open-source blueprint, enabling others to duplicate this work for personal use or to assist the community.

The Forest Garden project, including a dye garden for processing wool, will be open for all visitors to see. This feature aims to attract additional stakeholders, such as supply chain partners and local retailers, to the business model.

Meme: A very relaxed sheep in a forest garden eating a dandelion with the caption. The caption reads: "I eat the weeds, I fertilize the soil, I grow the wool. Who knew permaculture farming could be this sheer genius?"

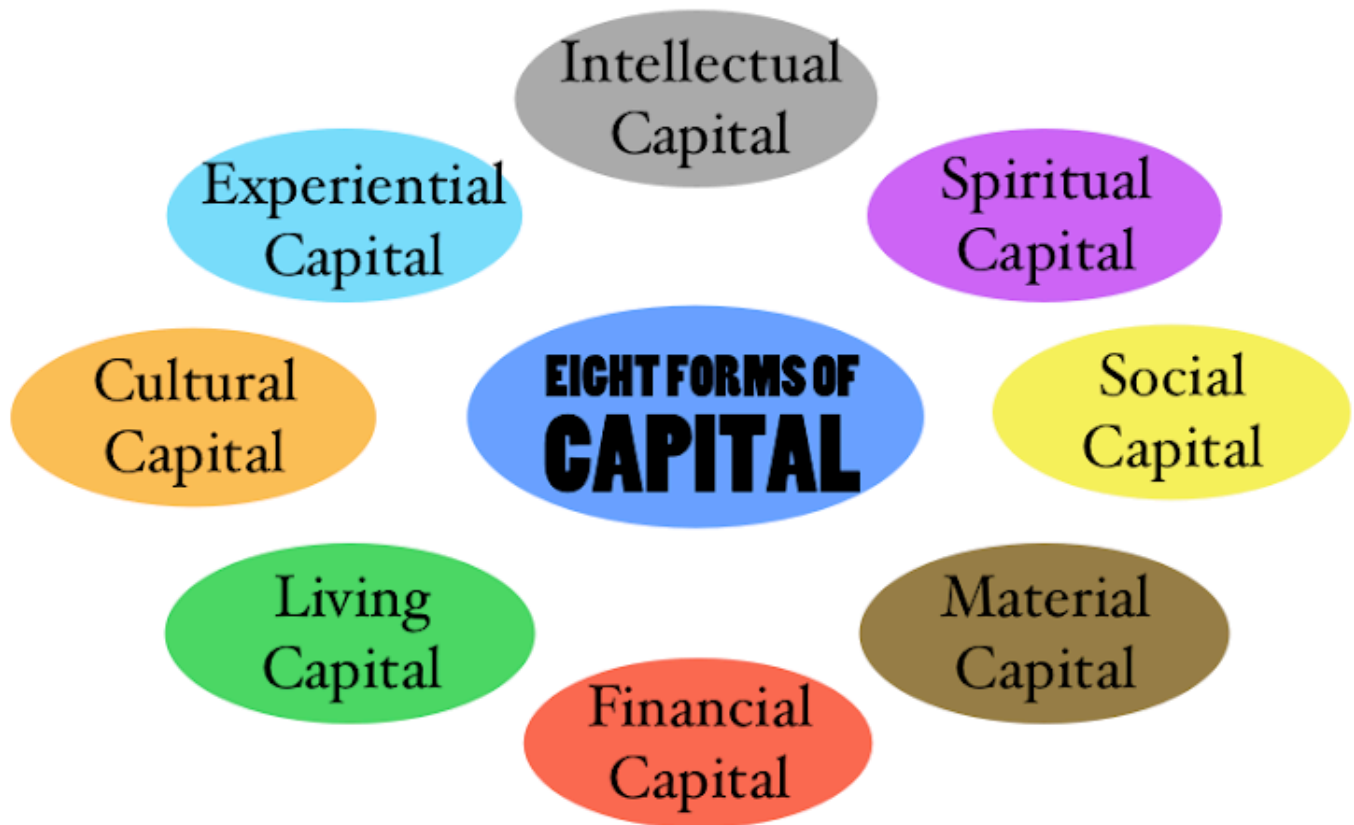
**Budget:** The winner will receive \$5,000 to kick-start their design. Consider this seed money to implement a key portion of your larger vision/design for high-impact, high-visibility permaculture project. \*

*How would you spend the \$5,000 Grand Prize to implement your design in the next year? Please be as detailed as possible.*

With funding already secured for the Wool Mill, the subsequent step involves implementing forest gardening practices on the land, including guilds and hugelkultur. The designated \$5,000 will be used to purchase trees and perennial plants necessary for establishing the tree guilds. Our strategy entails acquiring roughly 30 trees, as well as a variety of perennial plants and seeds, to create a productive forest garden. We aim to engage volunteers from local garden clubs and our permaculture guild for a potential permablitz, which will help reduce labor costs while providing an enjoyable experience. The overarching objective is to foster self-reliance and illustrate the benefits of rewilding and regenerating the land through forest gardening.

**8 Forms of Capital:** For large and impactful projects, \$5,000 may not be enough to achieve the full results. However, permaculture urges us to utilize ALL forms of capital by design. \*

*How does your design leverage the 8 Forms of Capital? How can your design utilize the cash award to bolster the other forms of capital abundance surrounding your project?*



**Finance:** Money will play a large part in the mill, but we have designed a system in which the focus of finance become relationship based, welcoming the barter/trade system and an opportunity for others to do the skill and learn from practice. Many resources are available on site for the project we wish to begin.

**Social:** Sense of Place. Connection to the land. Understanding roles in ecological systems.

**Living:** Preparing people for the life ahead.

**Spiritual:** Meditation Garden; Indigenous Wisdom; Promoting PC Principles and Ethics; Sense of Purpose

**Intellectual:** Offering a space to continue to promote permaculture design philosophy and a demonstration site with lists of plants and animals seen on the property.

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**Site Analysis and Assessment:** Tell us about the current conditions of the land. Please include \* something about the Climate, Soil, Water, Sectors, Zones of Use/Access and Circulation, Existing Plants, and Social Conditions involved in your project.

The area in Peyton is a semi-arid climate with plant hardiness zone 5b : -15°F to -10°F.

Soil on property is sandy loam and sandy/clay loam, presenting moderate infiltration rates.

An average of 15" of rain each year, so capturing and storing water are crucial.

The Sectors that were examined on the property included: Sun, Occasional Hail, Road Noise on East and North, as well as Traffic/People Noise from the mill, heavy cyclonic winds, and Future Considerations of the runoff from the 100' X 140' barn in construction.

For our Forest Garden Project, the Wind and Water concerns will be mostly addressed. Trees placed strategically create windbreaks and capture water with assistance from hugelkulturs.

#### Zones of Use

- 1- Front Kitchen Garden; Perennial Garden; Chicken & Bees
- 2- Forest Gardens; Market; Office; Wool Mill
- 3- Paddocks for Boarding
- 4- Paddocks and Track System for Dogs, Horses, Sheep, and Donkeys
- 5- No true zone 5, but there are seasonal migrations of birds, elk, deer, and antelope. Back left acreage suggested to be left wild and uncolonized (noticed a kit fox lives there).

Access: Only one entrance to the property, with gate. Access and road will need to be used by trailers. The landowners are currently in the process of completing a high-grade predator fence to protect sheep, and a paddock system to help the land regenerate with rotation.

Social Conditions involved in your project: The property will be heavily community based, as is already. Education will play a huge part of the mill. Strong networks, partnerships (especially with local youth groups), and fostering local traditions and practices.

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**Full Design Narrative and Scope:** Please upload your full design proposal here. Please include a \* section in your design for collaboration considerations.

 Design Narrative ...

 Add file