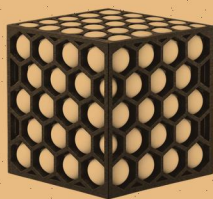

WILDFIRE DESIGN INDUSTRY



by Operational Coherence

DESIGN IN WILDFIRE



On one side of the fireline is the burned area, "the black," ... On the other side of the fireline is the unburned area (the green) where fire was not allowed to enter. Landscape designed.

THE LINE

RISK MANAGED / RISK DEFERRED



de·sign (dī-zīn') n.

the decisions made about what should exist in the world at a time later than now and how to create it.

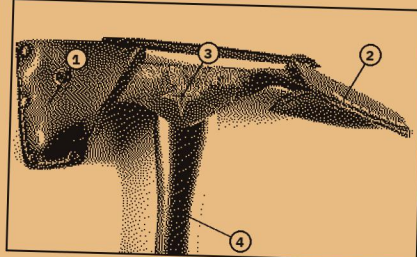
de·sign·er (dī-zī'nēr) n.

we are all designers as we all envision preferred ends and develop means to attain them.

Fire managers are designers who create and sustain an artificial order, for better or worse.

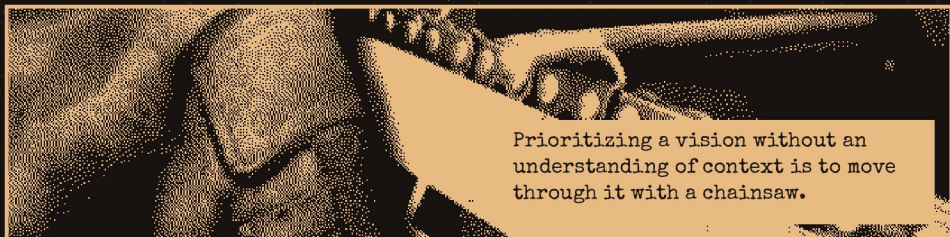
pu·las·ki (pə-lās'kē)

n. a hand tool combining an axe and an adze in one head, used to cut and scrape fireline. [E.C. Pulaski, c.1911]



1. AXE (CUTTING EDGE)
2. ADZE (GRUB HOE)
3. HEAD
4. HANDLE

Photo: Matthew Brodeur



Prioritizing a vision without an understanding of context is to move through it with a chainsaw.

DESIGNED LANDSCAPES

design in wildfire: risk / mitigated

01 RISK

Design cannot produce the natural; it will always produce the artificial.

02 MITIGATED

The landscape can be intentionally and strategically designed to produce certain outcomes.

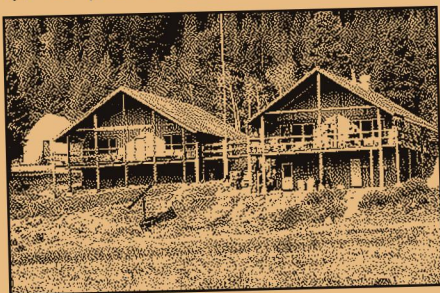
**SUPPRESSION
WINS THE DAY
BUT LOSES
THE CENTURY.**

SHOULD I DESIGN THIS?

- What future will my innovation create?
- Will the landscapes my innovations operate in tend to create more or less risk in the future?
- By existing, what does it make possible and impossible?
- What does the design encourage and discourage?

au·to·poi·e·sis

(ô'tō-poi-ē'sīs)



place (plās)

A bounded place in which a person or a group can reproduce their identity by creating a specific network of immaterial and material entities that, in turn, produces the network that produced them (Maturana & Poerksen, 2011).

The agency that appears in the wildfire community following the recognition that they all design is enormous.

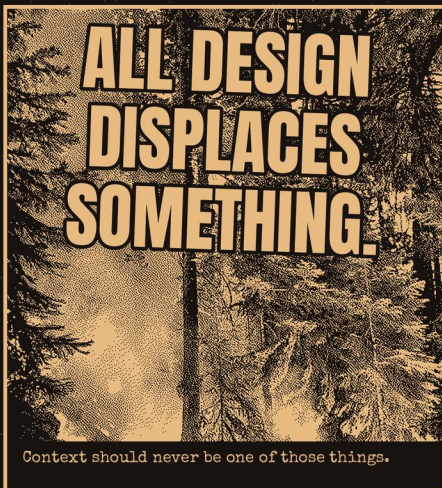
The story of the family and the wolves parallels the United States' experience with wildfire. ... fire was seen as an aggressor, an enemy, an aberration to be fought ... Good work is already taking place; it just needs to scale.

LET WOLVES BE WOLVES.

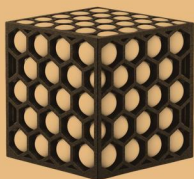
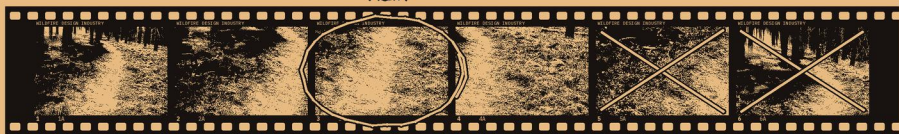


dwelling

"The residents of this farmhouse, for Heidegger, drew sustenance from what was around them, like their plants and animals, 'dwelling' in close proximity" — Sharr, 2006, p.67



PRINT



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WE ARE ALL DESIGNERS.