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7th Generation Design
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Bio
I am an ecological designer focused on the design, implementation and stewardship of eco-systems that create freedom in time, health, wealth and spirit. I have been actively doing consultancy and design work since 2014.

Enterprise
Woodland Foods Co-op ~ February 2018 - Present
Woodland Foods Co-op produces forest-grown gourmet and medicinal mushrooms grown on locally-sourced logs cleared for fire abatement and forest health improvement. Trimmings too small for log culture are chipped and turned into biochar for use as a soil amendment at Honey Badger Nursery.

Honey Badger Nursery ~ February 2018 - Present
Honey Badger Nursery grows high-value, productive fruit and nut trees and perennial plants with highly-branched, non-circling root systems using air pruning techniques.

Casitas Valley Growers ~ March 2015 - January 2018
Built and operated a 1/3 acre high-rotation market garden growing vegetables for local restaurants. We planted, stewarded, and otherwise operated swale-based fruit tree systems, on-contour no-till garden beds, and a productive greenhouse and nursery in addition to producing microgreens, oyster mushrooms in buckets, and high-value perennial foods in our habitat zones.



Casitas Valley Growers salad mix coming in.

Consulting & Design

Santa Barbara Blueberries ~ Buellton, CA - 955 acre watershed with 20 acre U-Pick berry operation. Consultancy focus was the restoration of a functional hydrological landscape via strategic earthworks, biological erosion control, holistic grazing management, and reforestation of denuded hilltops ringing the watershed to repair damage from improperly sited and maintained historic earthworks and free-ranging cattle compounded by drought.

Santa Barbara Middle School - Private middle school in Santa Barbara, CA. Consultancy focus was to develop a whole site plan, terraced school kitchen garden design, native habitat zones, run-off infiltration, biological erosion control, productive tree guilds, and design a landscape integrated into the school curriculum aimed at fostering ecological literacy and creating future earth stewards.

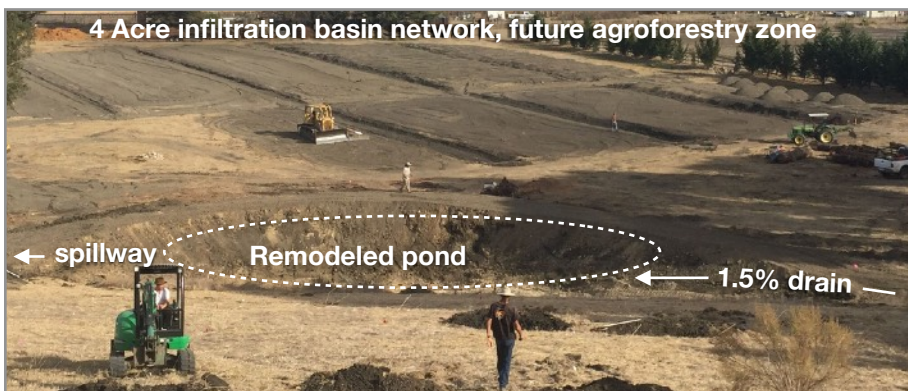
Market Garden Planning ~ Carpinteria, CA - 3 Acre market garden design on a 5 acre property with 2 homes, designed to supply owner's local group of restaurants. Design work consisted of bed planning, crop rotation, windbreaks, edible hedgerows, riparian restoration, water use projections and irrigation system design.



Irrigation System Design & Planning ~ Pismo, CA - Design of multiple irrigation systems to successfully establish approximately 630 trees within 3 years as part of NRCS EQIP grant. Work included storage tank sizing and location, piping calculations, irrigation block design, detailed cost analysis, water use projections and a phased implementation plan.

Implementation

Private 10 Acre Homestead ~ Pismo, CA - Design of mainframe earthworks to create a hydrologically regenerative landscape and contour patterning for future agroforestry system. Implementation included the remodel of existing pond, installation of rolling dip on roadway, creation of ~4 acre catch basin network to infiltrate run-on from neighboring property and passively irrigate future agroforestry system, and creation of a 1.5% grade 300' drain connecting the pond and 4 acre catch basin area to a 19 acre catchment above it.



Private Suburban Home ~ Thousand Oaks, CA - Design, installation and maintenance of vetiver grass biological erosion control for fragile fill slope. Work included vetiver grass plantings on contour, [natural rock pathway installation and anchoring](#), irrigation system design and installation.



What is 7th Generation Design?

A 7th Generation system creates socially and economically *fulfilling* lives for its inhabitants, whose daily activity patterns regenerate natural ecosystems and increase living capital year over year, such that the economic and social value of intact natural ecosystems is *always* increasing, **and the value of those systems is transmitted intact across generations**. Fundamentally, 7th Generation Design's purpose is to root regenerative values deep into culture so they will not only pass intact from one generation to the next, but grow stronger through time.

Trusting The Process

Good design is born of place and the beings that inhabit it. I begin all design consultancy relationships with some form of Holistic Goal Setting, the result of which yields a clearly articulated and co-owned vision for a desired Quality of Life, through which all vested parties (myself included) can make and evaluate decisions throughout the design process. Following this we develop a roadmap for the design process (I typically employ the SADIMEA Model - Survey, Analysis, Design, Implementation, Maintenance, Evaluation, Adjustment). Once the roadmap is complete the design process begins, continuously informing itself and adjusting course as necessary. Contemplating the enormity of creating a whole site design can be intimidating when considering the totality of the work to be done, but all is possible if we work from pattern to detail and trust the process.

Education

The base of my education comes from self-study and direct application of the permaculture principles. Starting in 2008, I began learning and assimilating everything that I could find on ecological design and permaculture. I have since completed four permaculture design courses, and worked as part of the PDC instructor cadre at Casitas Valley Farm, with Warren Brush (my sections included bio-intensive market gardening, plant propagation, mushroom log culture, and architecting the design process). My work at Casitas Valley Farm also included three years as a market gardener, nurseryman, and design consultant. I continue to hone my skills and capacity for teaching through continuous self-directed learning via books, lectures, workshops, conferences, volunteer events, helping neighbors and friends, personal projects and consultancy work.



Interests

Tree-Weaving | Biotecture | Growing Trees | Natural Movement | Self-Ownership | Anti-fragile Systems Design | Distributed Ledger Technology | Increasing Self-Reliance | Broad-acre Ecosystem Regeneration | Nature Connection | Hammocks

Watch, See, Read