

# Living Community Challenge

Solutions beyond project footprint are permissible

## THE 20 IMPERATIVES OF THE LIVING COMMUNITY CHALLENGE

	LIVING COMMUNITY CHALLENGE	
PLACE		01. LIMITS TO GROWTH
	SCALE JUMPING	02. URBAN AGRICULTURE
		03. HABITAT EXCHANGE
		04. HUMAN-POWERED LIVING
WATER	SCALE JUMPING	05. NET POSITIVE WATER
ENERGY	SCALE JUMPING	06. NET POSITIVE ENERGY
HEALTH & HAPPINESS		07. CIVILIZED ENVIRONMENT
		08. HEALTHY NEIGHBORHOOD DESIGN
		09. BIOPHILIC ENVIRONMENT
		10. RESILIENT COMMUNITY CONNECTIONS
MATERIALS		11. LIVING MATERIALS PLAN
		12. EMBODIED CARBON FOOTPRINT
		13. NET POSITIVE WASTE
EQUITY		14. HUMAN SCALE + HUMANE PLACES
		15. UNIVERSAL ACCESS TO NATURE & PLACE
		16. UNIVERSAL ACCESS TO COMMUNITY SERVICES
		17. EQUITABLE INVESTMENT
		18. JUST ORGANIZATIONS
BEAUTY		19. BEAUTY + SPIRIT
		20. INSPIRATION + EDUCATION

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<b>PLACE</b> 01. Limits to Growth 02: Urban Agriculture 03. Habitat Exchange 04. Human Powered Living	Maximize food production within the community's boundary.	See p. 17 for more details
	Reintroduce wildness and nature in order to create living systems for all species. Specifically, create two habitat corridors through community, running east/west and north/south.	See p. 43 for more details
	Maintain narrative and texture of place by preserving threads of historic fabric—remnants, stories, signs, and virtual.	See p. 08 for more details
	Transform public right-of-way (ROW) into neighborhood fabric that is biased toward people rather than machines	See p. 23 for more details
<b>WATER</b> 05. Net Positive Water	Reduce potable water use in neighborhood by 60+%.	See p. 30 for more details
	Collect all potable water from rainwater and treat without the use of chemicals.	See p. 50 for more details
	Use greywater as a resource to nourish yards, gardens, and groundwater.	See p. 50 for more details
	Process all blackwater at the micro-watershed scale.	See p. 50 for more details
	Utilize net positive water concepts to as a tool for resiliency and equity.	See p. 34 for more details
<b>ENERGY</b> 06. Net Positive Energy	Community energy independence, i.e., the neighborhood generates as much energy as it uses. If it is not possible to generate adequate energy within the physical boundary of neighborhood, all power is from renewable sources within the region and owned by community.	See p. 36 for more details
	75% energy use reduction in building stock over existing levels.	See p. 49 for more details
<b>HEALTH &amp; HAPPINESS</b> 07. Civilized Environment 08. Healthy Neighborhood Design 09. Biophillic Environment 10. Resilient Community Connections	Designate 70% of the community outside of buildings—right-of-way, parks, and landscape—as habitat. The neighborhood should be a place of fun activity, which combines walking, play, exercise, and enjoyment of nature and the outdoors.	See p. 40 for more details
	Enable all residents to experience wild nature. At least 10% of the community should be wild, and located where people can experience it.	See p. 42 for more details
	Create a sonic environment that is restorative, not anxiety-inducing. Limit vehicle noise significantly, especially noise from I-5 and its impacts on Yesler Terrace and west First Hill.	See p. 42 for more details
	Create opportunities for growing and collecting healthy, unprocessed food within the neighborhood.	See p. 18 for more details
	Make the neighborhood physically safe for people. No one should be killed by motor vehicles (Vision Zero).	See p. 25 for more details

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<b>MATERIALS</b> 11. Living Materials Plan 12. Embodied Carbon Footprint 13. Net Positive Waste	Eliminate all unhealthy chemicals and pollutants, including all Red List materials.	See p. 56 for more details
	Support local industry and use materials and technology created within the region.	See p. 34 for more details
	Achieve net zero waste by keeping nutrients in the community to build soil health.	See p. 31 for more details
<b>EQUITY</b> 14. Human Scale + Humane Places 15. Universal Access to Place & Nature 16. Universal Access to Community Services 17. Equitable Investment 18. Just Organizations	Make all areas outside of buildings deeply restorative, beautiful places that are accessible to all.	See p. 25 for more details
	Create affordable housing.	See p. 56 for more details
	Create good-paying jobs in the community.	See p. 48 for more details
	Leverage decentralized infrastructure to create more resilient water and energy infrastructure.	See p. 33 for more details
<b>BEAUTY</b> 19. Beauty + Spirit 20. Inspiration + Education	Enhance and create beauty in the community through nature interactions, public art and community engagement projects	See p. 40 for more details
	Emphasize cultural expression in every act of building.	See p. 46 for more details