

SUSTAINABILITY TARGETS

SUSTAINABILITY TARGET MInC

		BE THE GREENEST AND MOST ENERGY EFFICIENT PORT IN NORTH AMERICA			SALMON SAFE	2030 CHALLENGE	LEED V4 CREDIT	LBC CORE	LBC PETAL	FULL LBC
		WATER	ENERGY	CARBON						
WATER	GOOD (Salmon Safer)	✓			✓		✓	✓		
	BETTER (Reclamation)	✓			✓		✓	✓		
	BEST (Net Positive)	✓			✓		✓	✓	✓	✓
ENERGY	BETTER (2030)			✓		✓	✓	✓		
	BEST (Net Positive)		✓	✓		✓	✓	✓	✓	✓
MATERIALS	BETTER (8 Red List Mat'l's)			✓			✓	✓		
	BEST (Full Red List)			✓			✓	✓	✓	✓

BEST

FULL RED LIST

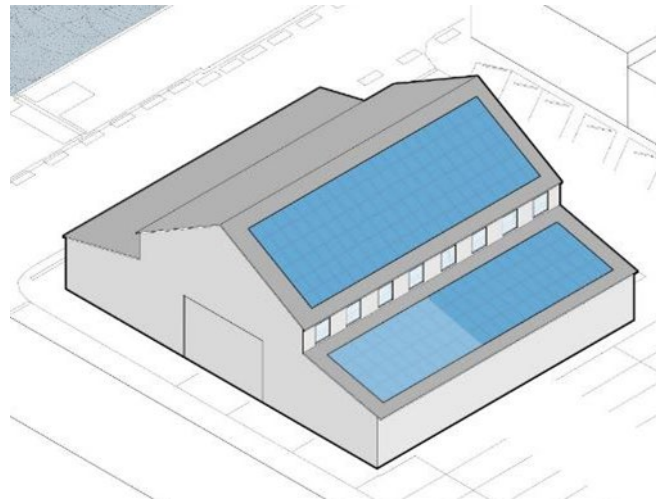
- Eliminate the full ILFI Redlist from all building products – 22 materials and chemicals of concern

Polyvinyl Chloride (PVC) • Cadmium • Chlorinated Polyethylene and Chlorosulfonated Polyethylene • Asbestos Chlorobenzenes • Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFCs) • Chloroprene (Neoprene) • Halogenated Flame Retardants (HFRs) • Chromium VI • Chlorinated Polyvinyl Chloride (CPVC) • Formaldehyde (added) • Hexavalent Chromium (Hex 6) • Lead (added) • Mercury • Polychlorinated Biphenyls (PCBs) • Perfluorinated Compounds (PFCs) • Phthalates • Polyvinylidene Chloride (PVDC) • Short Chain Chlorinated Paraffins • Lead • Wood treatments containing Creosote, Arsenic or Pentachlorophenol • Formaldehyde • Volatile Organic Compounds (VOCs) in wet-applied products • Alkylphenols Asbestos Bisphenol A (BPA)

BEST

NET POSITIVE ENERGY

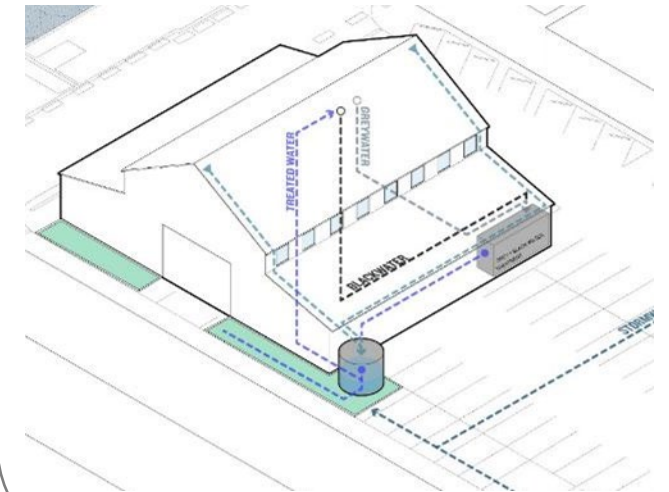
- High efficiency envelope and MEP systems
- PV to cover all energy needs



BEST

NET POSITIVE WATER

- Capture and treat all rainwater that falls on site with raingardens, detain prior to CSO
- Greywater reuse and rainwater capture
- No potable water used for non-potable uses
- Treat rainwater for potable use
- Blackwater treatment



HIGH-PERFORMANCE ENVELOPE
Triple-glazed, low-e windows and highly-insulated walls and roofs minimize heat loss and gain through the envelope, reducing demands on heating and cooling systems.

SALVAGED MATERIALS
Heavy timber structure is reused in place, reducing the embodied carbon footprint of the structure and saving valuable resources.

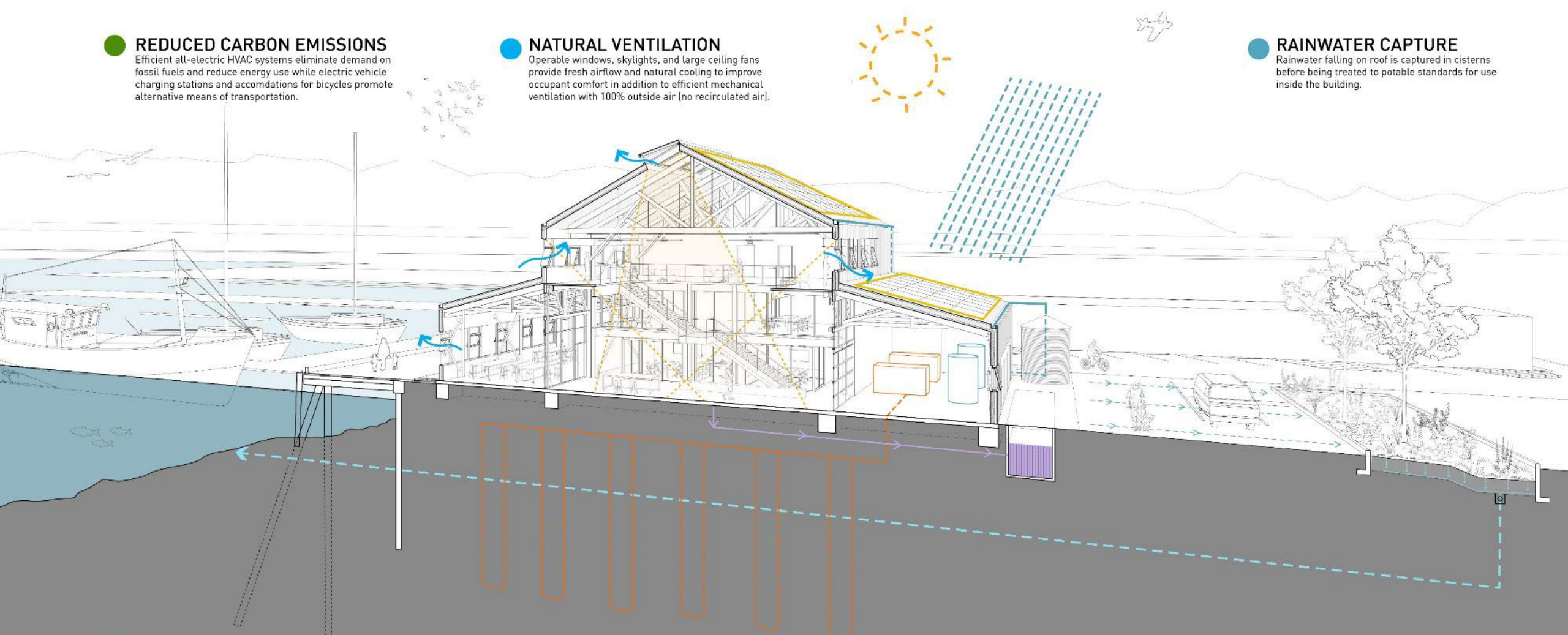
NET POSITIVE ENERGY
Photovoltaic panels on roof generate more than enough electricity to offset entire building energy use and provide resiliency.

DAYLIGHT AND VIEWS
Windows and skylights provide high-quality views to Salmon Bay and allow workspaces to be naturally daylit for most of the year, reducing use of electric lighting.

REDUCED CARBON EMISSIONS
Efficient all-electric HVAC systems eliminate demand on fossil fuels and reduce energy use while electric vehicle charging stations and accommodations for bicycles promote alternative means of transportation.

NATURAL VENTILATION
Operable windows, skylights, and large ceiling fans provide fresh airflow and natural cooling to improve occupant comfort in addition to efficient mechanical ventilation with 100% outside air [no recirculated air].

RAINWATER CAPTURE
Rainwater falling on roof is captured in cisterns before being treated to potable standards for use inside the building.



RED LIST FREE MATERIALS
All new building materials used in construction are free of harmful Red List chemicals.

GROUND SOURCE HEAT EXCHANGE
Deep geothermal wells utilize constant ground temperature as a heat sink and heat source to provide highly-efficient heating and cooling.

WASTE WATER MANAGEMENT
All greywater from sinks is treated and recycled for irrigation use on site while blackwater from toilets is treated on site, reducing demand on municipal systems.

STORMWATER TREATMENT
All stormwater runoff from impervious surfaces is directed to bioswale where it is treated before discharge into Salmon Bay, helping to protect the marine habitat Fishermen's Terminal relies on.

TRANSFORMATION



EXTERIOR RENDERINGS









PORT OF SEATTLE

C-10 BUILDING

PACIFIC MIST

SATURN SEATTLE

528



3920

MARITIME INNOVATION CENTER

MOOR

EATTLE'S



Port
of Seattle

3920

MARITIME INNOVATION CENTER





3920

MARITIME INNOVATION CENTER

Port of Seattle





MARITIME INNOVATION CENTER



PORT OF SEATTLE



INTERIOR RENDERINGS





