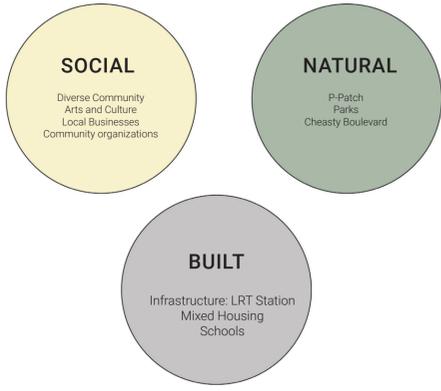


REUSE AND RECLAIM

NETWORK - A MATERIAL LIBRARY FOR MT. BAKER NEIGHBORHOOD



EXISTING DISCONNECTED CAPITALS

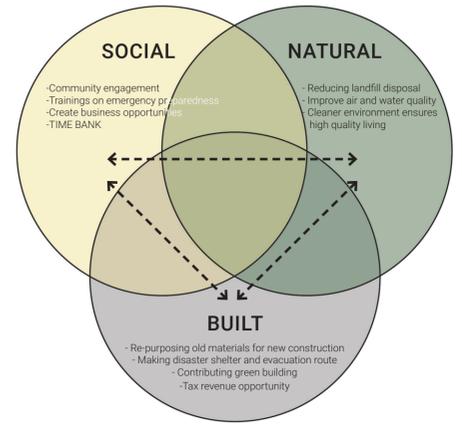


A MATERIAL LIBRARY



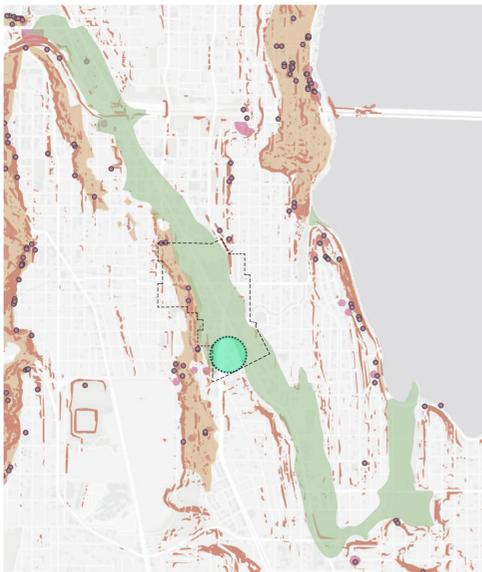
PROPOSED NETWORK TO RESPOND BOTH DAY TO DAY LIFE AND POST DISRUPTION NEEDS

COMMUNITY RESILIENCE



PROPOSED INTERCONNECTED CAPITALS- HELP TO BUILD COMMUNITY RESILIENCE

LOCATION ANALYSIS



SAFETY



PROXIMITY

- Mt. Baker Community Center for Arts
- Low's
- LRT Station
- SE Seattle Tool Library
- Schools
- Commercial Storage

- Site boundary
- Landslide risk
- Major landslide risk
- Known slide areas
- Liquefaction risk
- Hazard free zone
- Residential (7-8 stories)
- Mixed-use (6-7 stories)
- Neighborhood commercial (4 - 9 stories)



FUTURE DEVELOPMENTS



POTENTIAL SITE

VERTICAL LAYERING

ROOF TOP URBAN FARMING

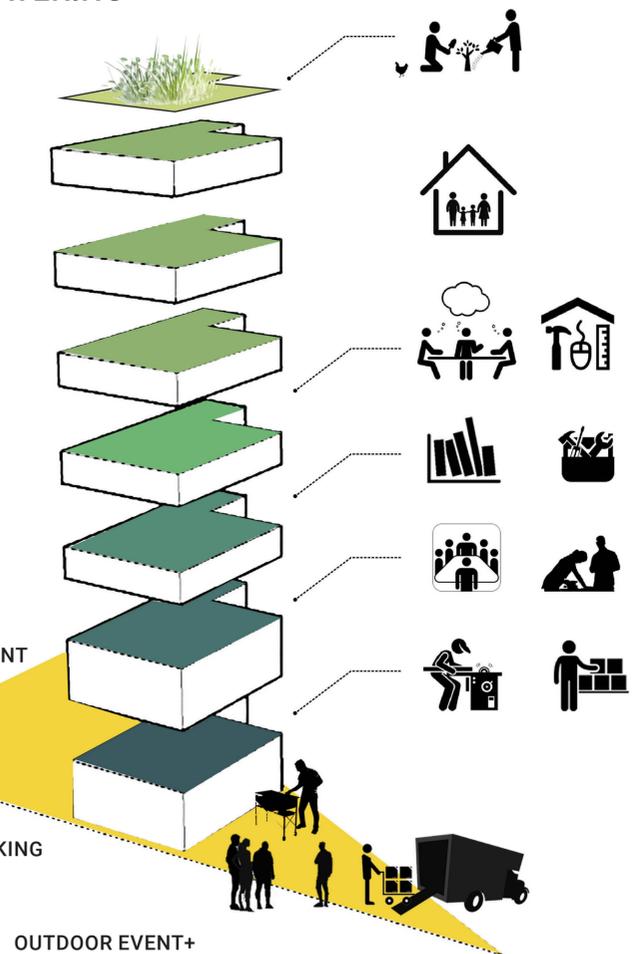
LIVING

INNOVATION LAB + MAKER SPACE

LIBRARY

WORKSHOP + EVENT

TEMPORARY STAGING + WORK AREA



OUTDOOR EVENT+ SOCIAL GATHERING

ACCESS + LOADING - UNLOADING

POTENTIAL ACTORS/STAKEHOLDERS



Library:
- Digital and physical catalogue of materials (Salvaged+recycled)
- Lending services
- Small Business Supply Program
- Material assessment and assembly program

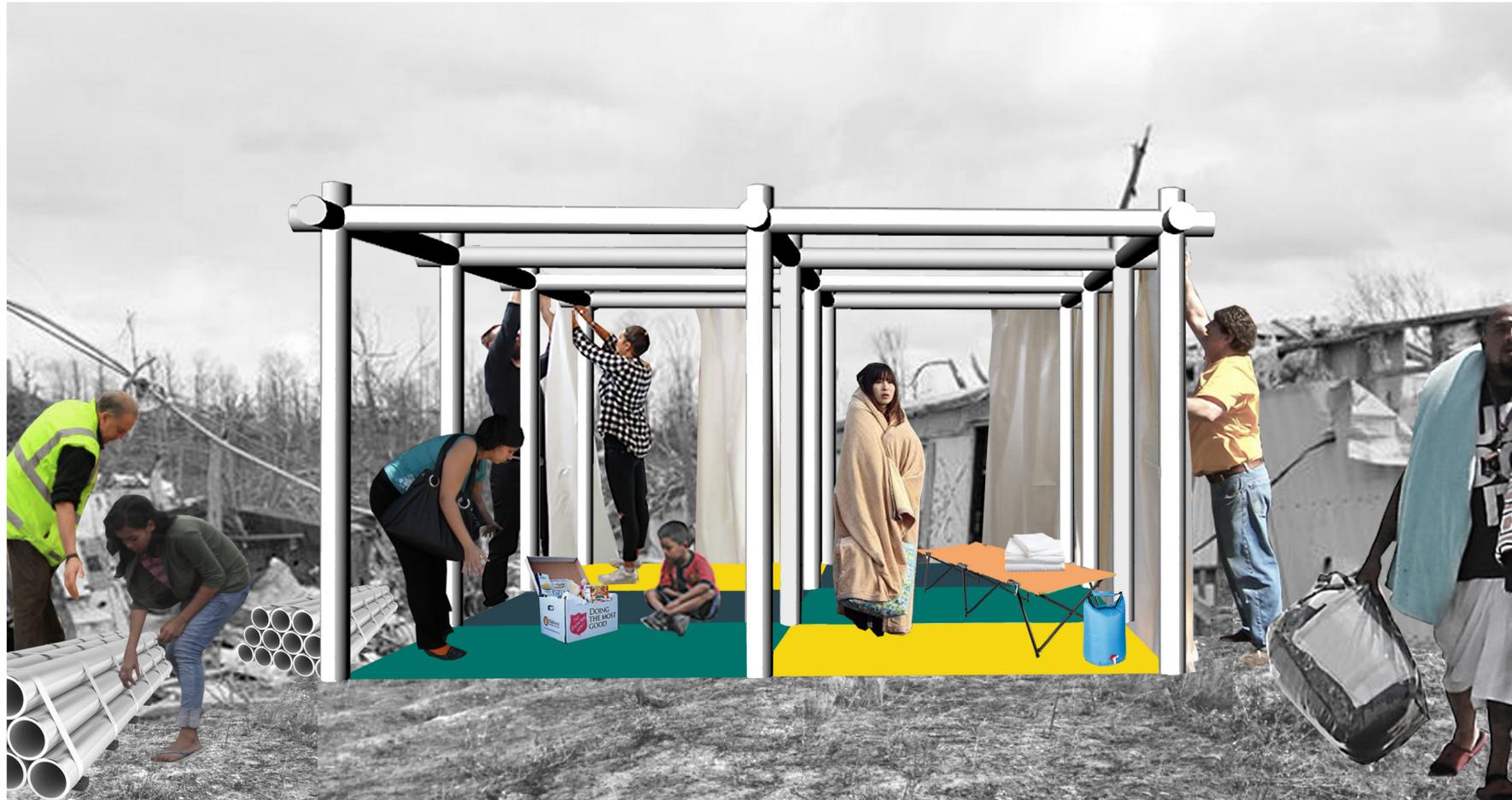
Workshop + Event Space:
- **Emergency Preparedness Program**, training on making pop up shelter and emergency evacuation route with collected materials.
- **From Waste to Commodities Program** by artist and digital techs to create creative products for day to day use.
- Space for community gathering, meeting, lectures and presentations

Community Maker Space:
- Will connect experienced makers with learners.
- Wood shop, laser cutter, 3d printing, electronics, AR/VR, and sewing facilities will be provided.

Innovation Lab: Collaboration between companies and organizations to create innovative solutions to address pressing needs of the community

Live+ Work: Affordable living space for artists and young professionals.

PROGRAM



Post disruption scenario: Using stored materials to build pop up shelters and temporary evacuation route (Left to right)



Precedent 01: STPLN, Malmo, Sweden

"A Unique Meeting Place, a Maker Space, and An Incubator for Creative Projects"
<https://stpln.org/en/about/>

- Housed in a former slipway where large vessels were once repaired.
- 2,000 square meter space includes an event room, a maker space with a capacity of 40 and a meeting room for 10+ people.
- Entirely dependent upon RECYCLED materials for creative exploration.

Precedent 02: Seattle Recreative, Greenwood, Seattle, WA

"a non-profit, promoting creativity, community and environmental stewardship through creative reuse & art education".
<http://www.seattlerecreative.org/>

- Collects donated materials from local businesses and individuals to redistributed to the community.
- DIY Community Maker Space that connects experienced makers with learners
- Small Business Supply Program to provide recycled office supplies
- Artist opportunities for workshop and exhibition
- Creative classes for adult and kids
- Retail and Donation

Precedent 03: UNDERBROEN Christians Brygge, Copenhagen, Denmark

"a manufacturing workshop where traditional craftsmanship is combined with modern digital production technologies."
<http://underbroen.com>

- Resides under one of CPH's major bridge- Langebro.
- Rent-able event and work space
- Workshop space for digital production and printing, electronics, wood, metal and textile
- Collaboration space for companies and organizations to create innovative solutions
- Offers courses in digital production tools and prototyping
- Partnership with similar non-profit organization in Copenhagen, Denmark
- Provides assembling services.



Day to day Scenario: Ground level of the proposed material library allows storage, loading unloading and work area for the neighborhood



PRECEDENTS

IMAGE SOURCES:
 1. <http://collaborativecities.designforcommons.org/item/malmo-stpln/>
 2. <https://www.spacefinderseattle.org/spaces/view/488/seattle-recreative>
 3. <https://www.socialrgrats.com/event/SlitZc4082ef2ff>
 4. www.googlemaps.com
 5. <http://danskdesigncenter.dk/da/dansk-design-center-indgaar-staerkt-partnerskab-med-underbroen-og-danske-makere-0>
 6. <http://danskdesigncenter.dk/da/dansk-design-center-indgaar-staerkt-partnerskab-med-underbroen-og-danske-makere-0>