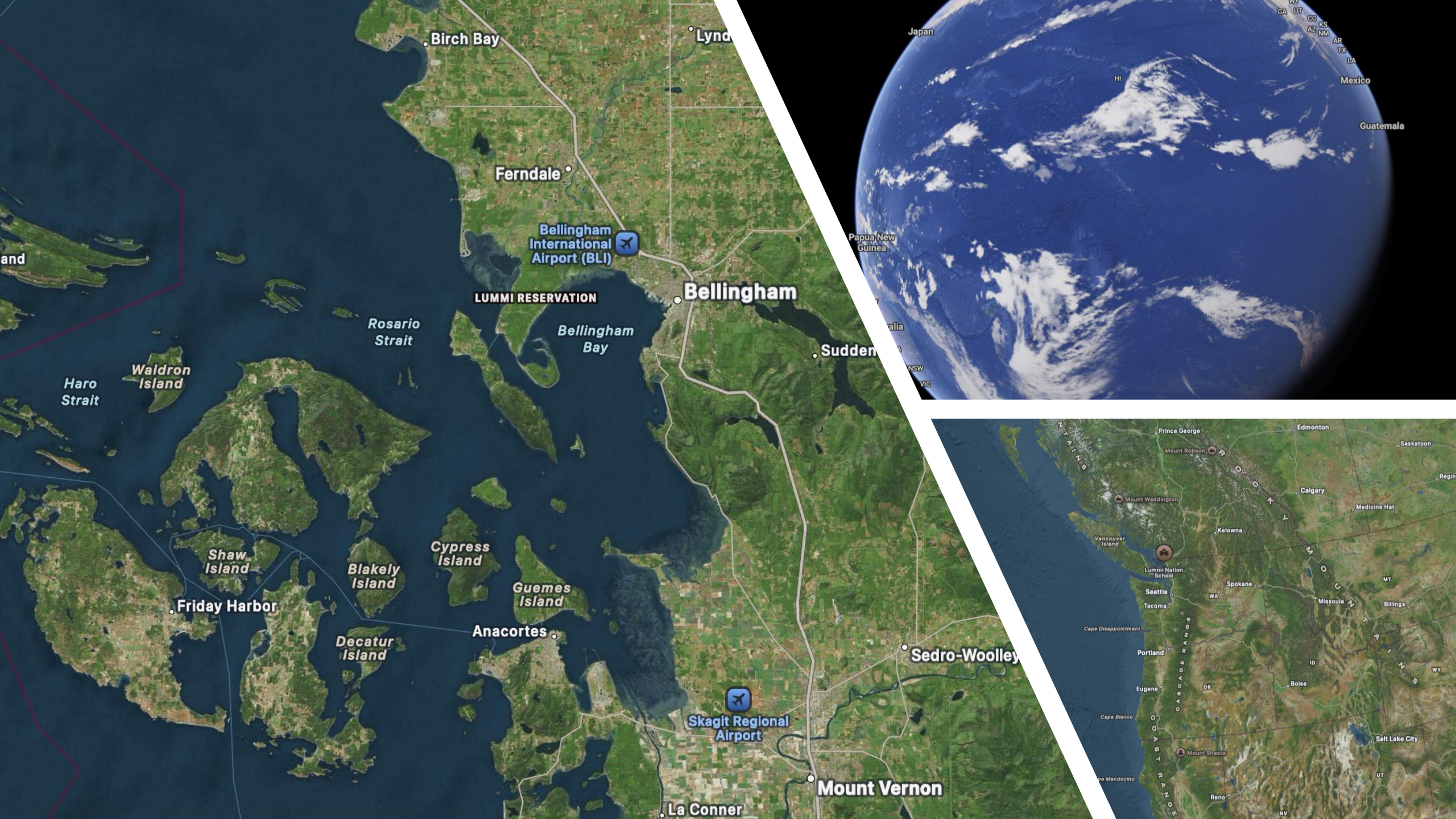


# Returning to Community

## | Tribal Housing Innovation, Sustainability, and Trauma-informed Design

James Miller, Ph.D.
MĀPIHI, University of Auckland


Birch Bay
Ferndale
Bellingham International Airport (BLI)
LUMMI RESERVATION
Bellingham
Rosario Strait
Bellingham Bay
Haro Strait
Waldron Island
Shaw Island
Blakely Island
Cypress Island
Guemes Island
Friday Harbor
Anacortes
Decatur Island
Skagit Regional Airport
Sedro-Woolley
Mount Vernon
La Conner
Japan
Mexico
Guatemala
Papua New Guinea
Prince George
Edmonton
Saskatoon
Mount Robson
Calgary
Medicine Hat
Mount Waddington
Kelowna
Vancouver Island
Lummi Nation School
Seattle
Tacoma
Spokane
Missoula
Billings
Cape Disappointment
Portland
Eugene
Boise
Cape Blanco
Mount Shasta
Salt Lake City
Reno




# Maechen Aleleng Village

LUMMI ISLAND AND BELLINGHAM BAY, BY DICKLYON (CC)




SATELLITE IMAGE VIA GOOGLE EARTH



LUMMI NATION, BY USDAGOV (CC)



LUMMI NATIONTOANOE, BY DAN RIDLEY (CC)









# Maechen Aleleng Village
# Permanent Supportive Housing
## Lhaq’temish Foundation, Lummi Nation











*"This endeavor is truly led by passionate community members! They will continue to aid, enhance and support the goal and mission of Our Peoples journey to wellness."*

– Nickolaus Lewis, former Lummi Council member









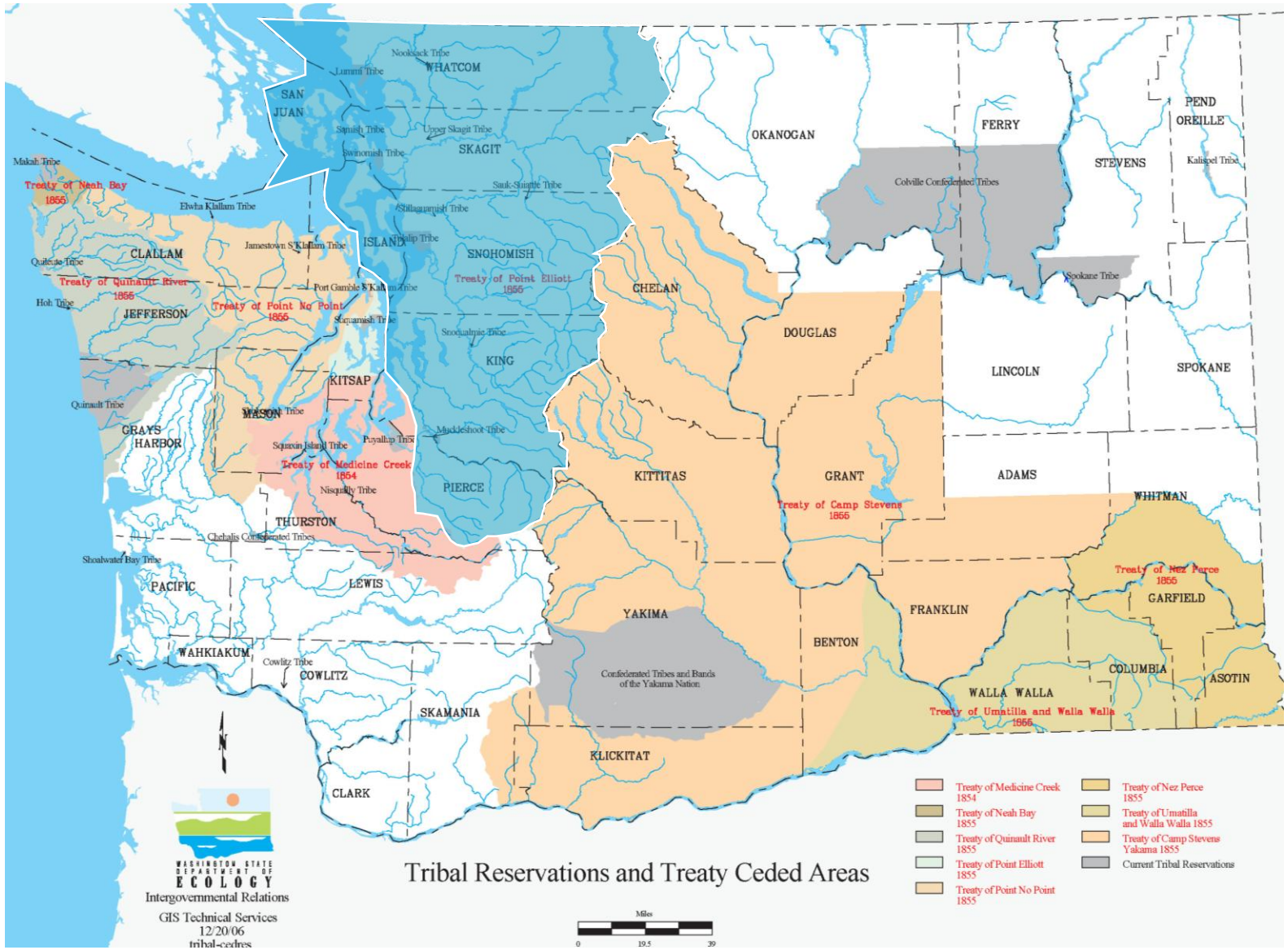


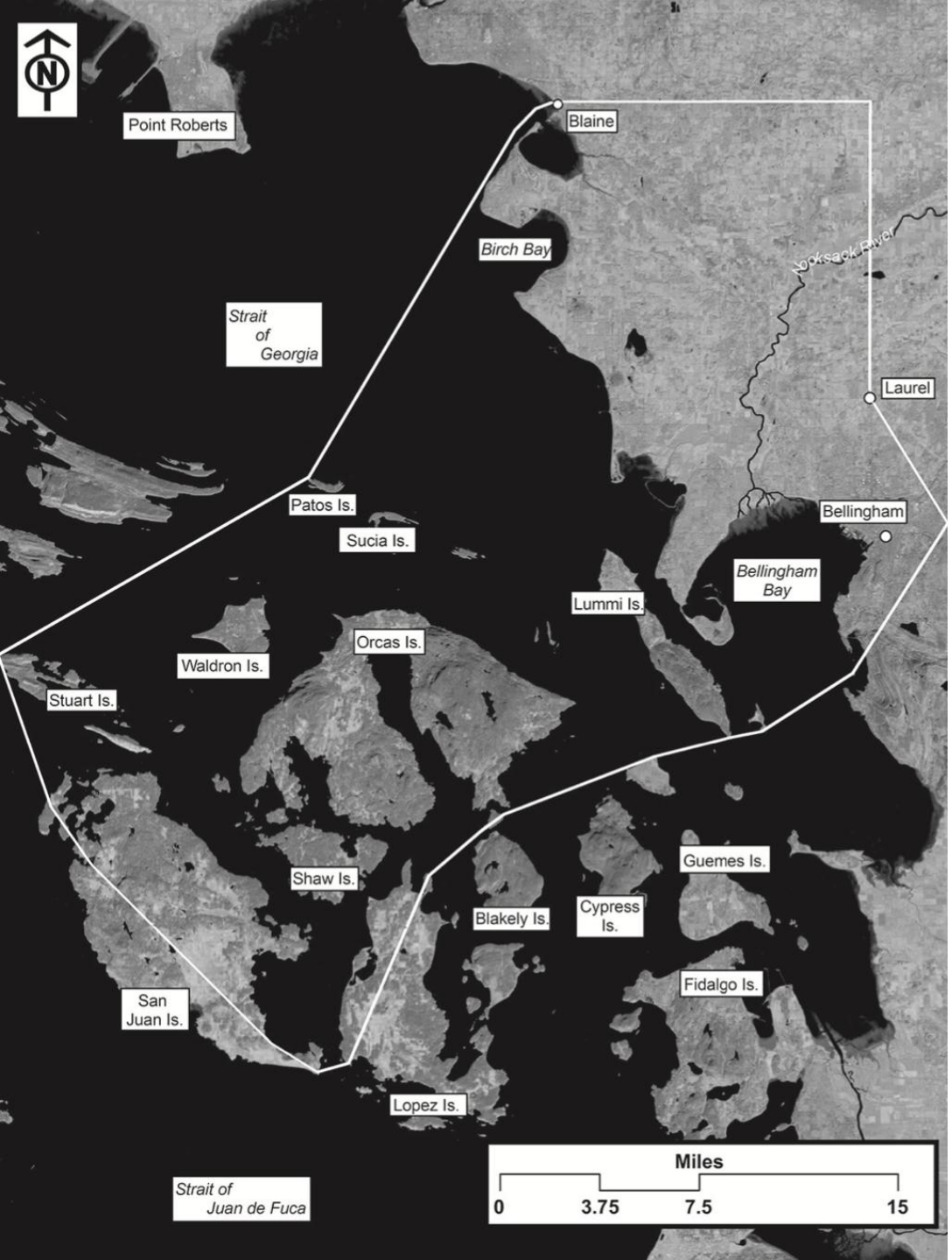
Context

2

# Settler Colonial Policies


Lummi
Nooksack
Samish
Upper Skagit
Swinomish
Sauk-Suiattle
Stillaguamish
Tulalip
wha
mestown
No Point Treaty
1855
Point Elliott Treaty
1855
Port Gamble
Suquamish
Seattle
Snoqualmie
kokomish
Tacoma
Muckleshoot
Squaxin
Puyallup
Olympia
Nisqually
ehalis
Treaty of
Medicine Creek
1854
Yakama Tr
1855


WHATCOM
SAN JUAN
SKAGIT
ISLAND
SNOHOMISH
CLALLAM
JEFFERSON
KING
KITSAP
GRAYS HARBOR
MASON
PIERCE
THURSTON
LEWIS
PACIFIC
WAHKIAKUM
COWLITZ
CLARK
SKAMANIA
KLICKITAT
YAKIMA
KITTITAS
CHELAN
DOUGLAS
OKANOGAN
FERRY
STEVENS
PEND OREILLE
LINCOLN
SPOKANE
GRANT
ADAMS
FRANKLIN
BENTON
WHITMAN
GARFIELD
COLUMBIA
ASOTIN
WALLA WALLA
Treaty of Neah Bay 1855
Treaty of Quinault River 1855
Treaty of Point No Point 1855
Treaty of Point Elliott 1855
Treaty of Medicine Creek 1854
Treaty of Camp Stevens 1855
Treaty of Nez Perce 1855
Treaty of Umatilla and Walla Walla 1855
Confederated Tribes and Bands of the Yakama Nation
Colville Confederated Tribes
Spokane Tribe
Kalispel Tribe
Lummi Tribe
Nooksack Tribe
Upper Skagit Tribe
Swinomish Tribe
Sauk-Suiattle Tribe
Stillaguamish Tribe
Tulalip Tribe
Makah Tribe
Elwha Klallam Tribe
Jamestown S'Klallam Tribe
Port Gamble S'Klallam Tribe
Quileute Tribe
Hoh Tribe
Quinault Tribe
Squaxin Island Tribe
Puyallup Tribe
Nisqually Tribe
Muckleshoot Tribe
Snoqualmie Tribe
Chehalis Confederated Tribes
Shoalwater Bay Tribe
Cowlitz Tribe
WASHINGTON STATE DEPARTMENT OF ECOLOGY
Intergovernmental Relations
GIS Technical Services
12/20/06
tribal-cedres
Tribal Reservations and Treaty Ceded Areas
Treaty of Medicine Creek 1854
Treaty of Neah Bay 1855
Treaty of Quinault River 1855
Treaty of Point Elliott 1855
Treaty of Point No Point 1855
Treaty of Nez Perce 1855
Treaty of Umatilla and Walla Walla 1855
Treaty of Camp Stevens Yakama 1855
Current Tribal Reservations
Miles
0
19.5
39

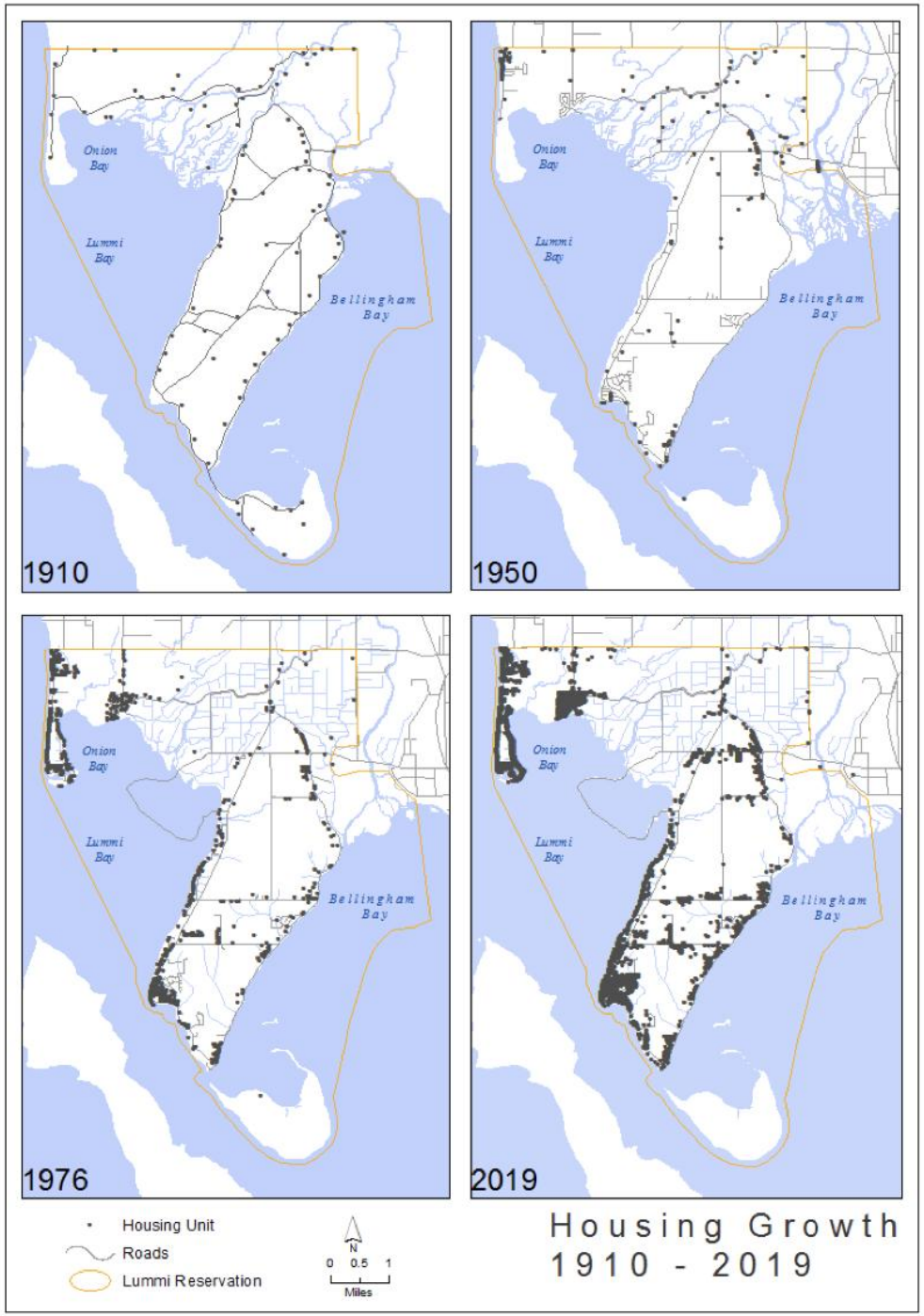






Hillaire, Pauline R.. A Totem Pole History : The Work of Lummi Carver Joe Hillaire, edited by Gregory P. Fields, Nebraska, 2013

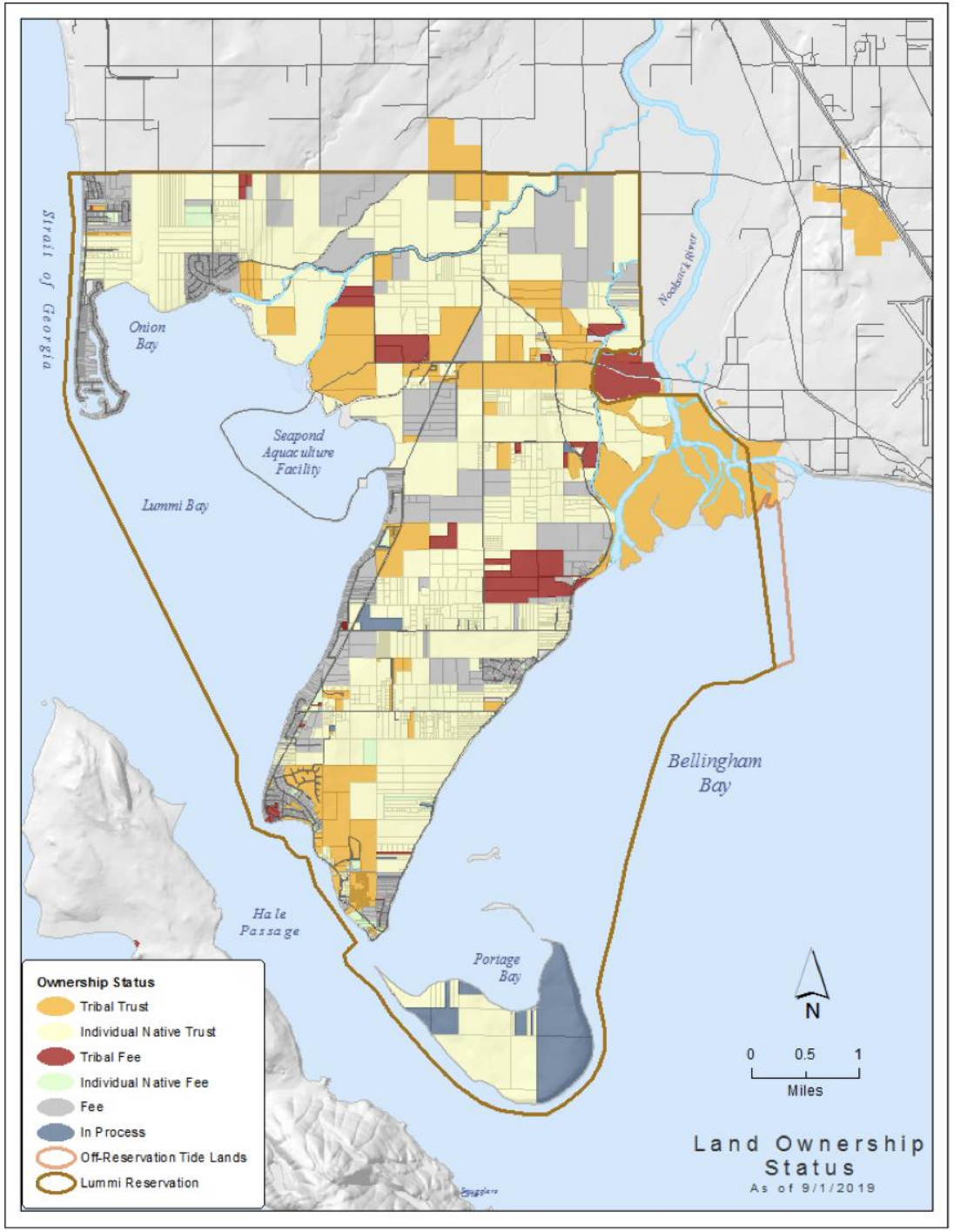

Nuxwsa’7aq (Nooksack)




# Policies | Housing

| | |
|---|---|
| Treaty of Point Elliott - 1855 | 1855 |
| **Dawes Act (General Allotment Act)** | **1887** |
| Enlarged Homestead Act | 1909 |
| Indian Reorganization Act (self governance) | 1934 |
| Snyder Act – 1921 (funds for the benefit of AIAN) | 1921 |
| **National Housing Act : Fair Housing Administration** | **1934** |
| **Housing Act of 1937** | **1937** |
| House Concurrent Resolution 108 – AIAN Termination and Relocation | 1953 |
| Fair Housing Act (funding for POC but not Tribes) | 1954 |
| **Adoption of Housing Act of 1937 within IHAs** | **1960s** |
| Housing Improvement Program under BIA | 1965 |
| Indian Housing Act | 1988 |
| Office of Native American Programs est. | 1992 |
| **Native American Housing Assistance and Self Determination Act** | **1996** |
| HEARTH Act (control over land leasing process) | 2012 |

Lummi Nation Comprehensive Economic Development Strategy 5-Year 2023-2027 | 2023 Update. P. 21.




# Lummi Reservation Land Ownership

| Category | Acres | Percentage |
|---|---|---|
| Individual Native Trust | 6,829 | 52.6% |
| Non-Tribal Fee | 2,516 | 19.4% |
| In process of becoming Trust Land | 509 | 3.9% |
| Tribal Fee | 495 | 3.8% |
| Individual Native Fee | 131 | 1% |
| Total | 12,992 | 100% |

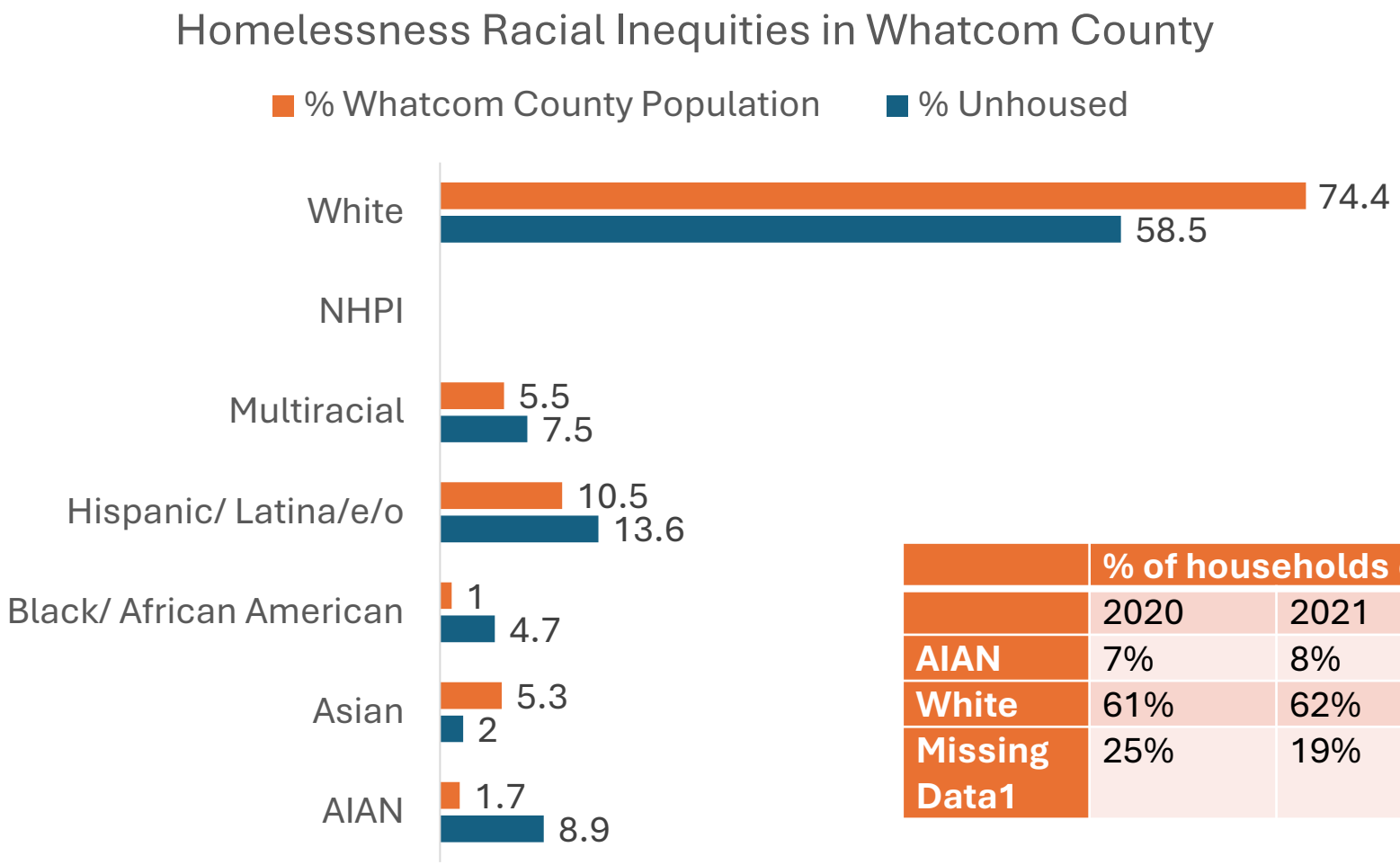
Lummi Nation Comprehensive Economic Development Strategy 5-Year 2023-2027 | 2023 Update (p.23)



FY 2025 Estimate Summary - Needs and Allocation,
IHBG Formula, U.S. Department of Housing and Urban Development

| Office | Tribe | AIAN Persons | > 30% MFI | 30% - 50% MFI | 50% - 80% MFI | > 1 person per room | Severe Cost Burden (>50% of Income) | Housing Shortage (# AIAN Households with less than 80% of MFI) | Enrollment |
|---|---|---|---|---|---|---|---|---|---|
| Seattle | Lummi Tribe | 10,530 | 754 | 645 | 681 | 262 | 656 | 1,997 | 5,265 |
| | | | **36%** | | | | **32%** | | |

# 2024 WA State Department of Commerce Point in Time Count




| | % of households counted | | | | |
|---|---|---|---|---|---|
| | 2020 | 2021 | 2022 | 2023 | 2024 |
| **AIAN** | 7% | 8% | 7% | 10% | 10% |
| **White** | 61% | 62% | 68% | 69% | 65% |
| **Missing Data1** | 25% | 19% | 14% | 11% | 13% |

Methodology

1

# Indigenous Placemaking | Placekeeping

- How do Indigenous processes inform decision making in the production of the built-environment?

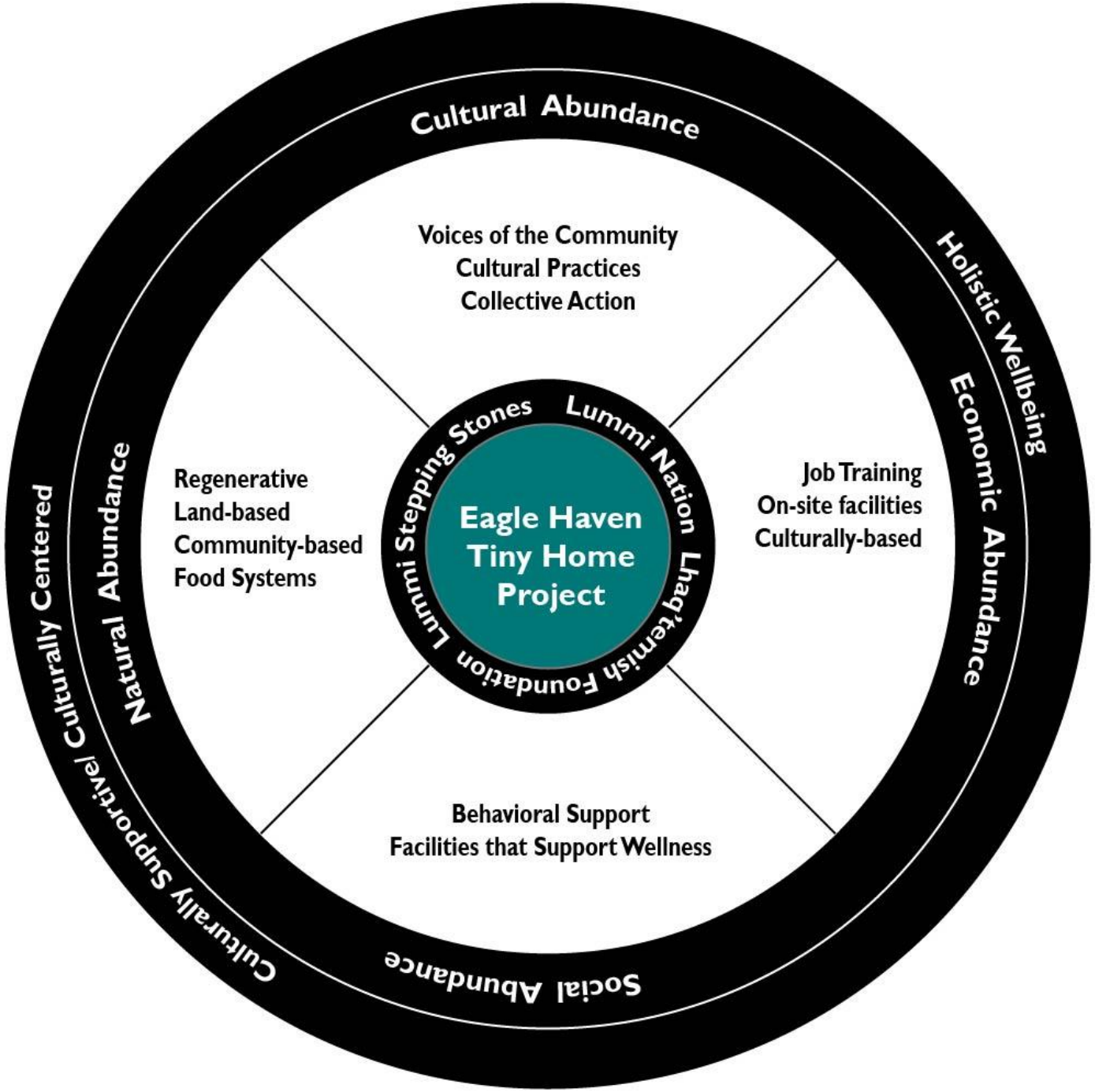
# Indigenous Design

- Design reflects our understanding of being in relation to the world.
- Design reflects our stories, traditions, and values.
- Design weaves together Land – water – cosmos – people
- Design utilizes our knowledge.
- Design is Non-Linear



# Method


Learning from the Land
Learning from Community Stories
Cultivating Relationships People & Land
Integrating Cultural Practice & Values
Realizing the Stories and Relationships in Design
Wellbeing
Aloha/Mana
Continued Engagement
Indigenous Design Process








Artwork by Jason Leclaire,
Photo by Matt Bunza

Innovations

3

# Maechen Aleleng Village Lummi Nation

Lummi Stepping Stones, Lhaq'temish Foundation,

Lummi Indian Business Council, Opportunity Council

Metaamo Studio

Karyl Jefferson | Nick Lewis | Tim Ellis | LIBC Planning Commission | Jason LeClair

# What is Permanent Supportive Housing?

“Permanent supportive housing is an intervention that combines affordable housing assistance with voluntary support services to address the needs of chronically homeless people. The services are designed to build independent living and tenancy skills and connect people with community-based health care, treatment and employment services.” (www.endhomlessness.org)

# **SITE** - SATELLITE



# Priority Goals

- Safety: surrounding area, neighbors, residents
- Health & Wellness:
- Sustainability
- Inclusion (contribution of community)



# Project Principles

**Connection to Land:**
Territory
Personal control
Identity
Ownership
Self Esteem
Symbolism
Ancestors
Stories

**Connection to Others:**
People
Access to support
Social Services
Togetherness
Accountability
Uplifting one another
Peer to peer support

**Connection to Oneself**
Spiritual – Stress Reduction
Beauty, aesthetics, recreation, mindfulness, ritual
Empowerment
Behavioral Health



# Priority Goals Integrated with Principles

**Safety**:

territory, personal control, ownership, self esteem

connections, presence of social support services, accountability, support

Empowerment (spatial control, access, beauty)

**Health & Wellness:**

beauty, identity, ownership, self esteem

connections, access to support (spatial + operational), social services programs, sharing, support

Beauty, spiritual, aesthetic, recreation, mindfulness, empowerment

**Sustainability:**

Generational

accountability (to land), access

Beauty

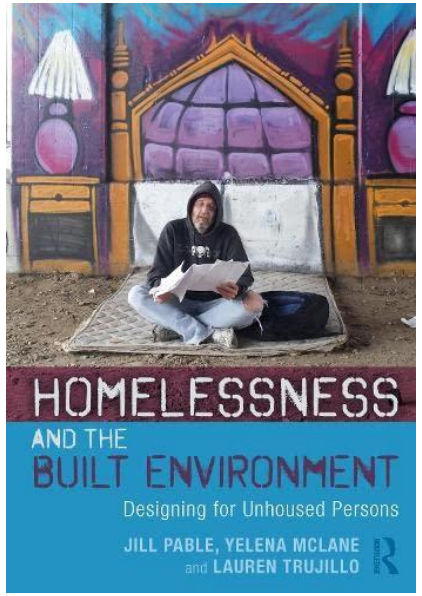
**Inclusion (contribution of community):**

stories, identity, generational

Transparency

sharing, accountability (respect, reciprocity, responsibility),

Contribution, Empowerment (spatial relationships)





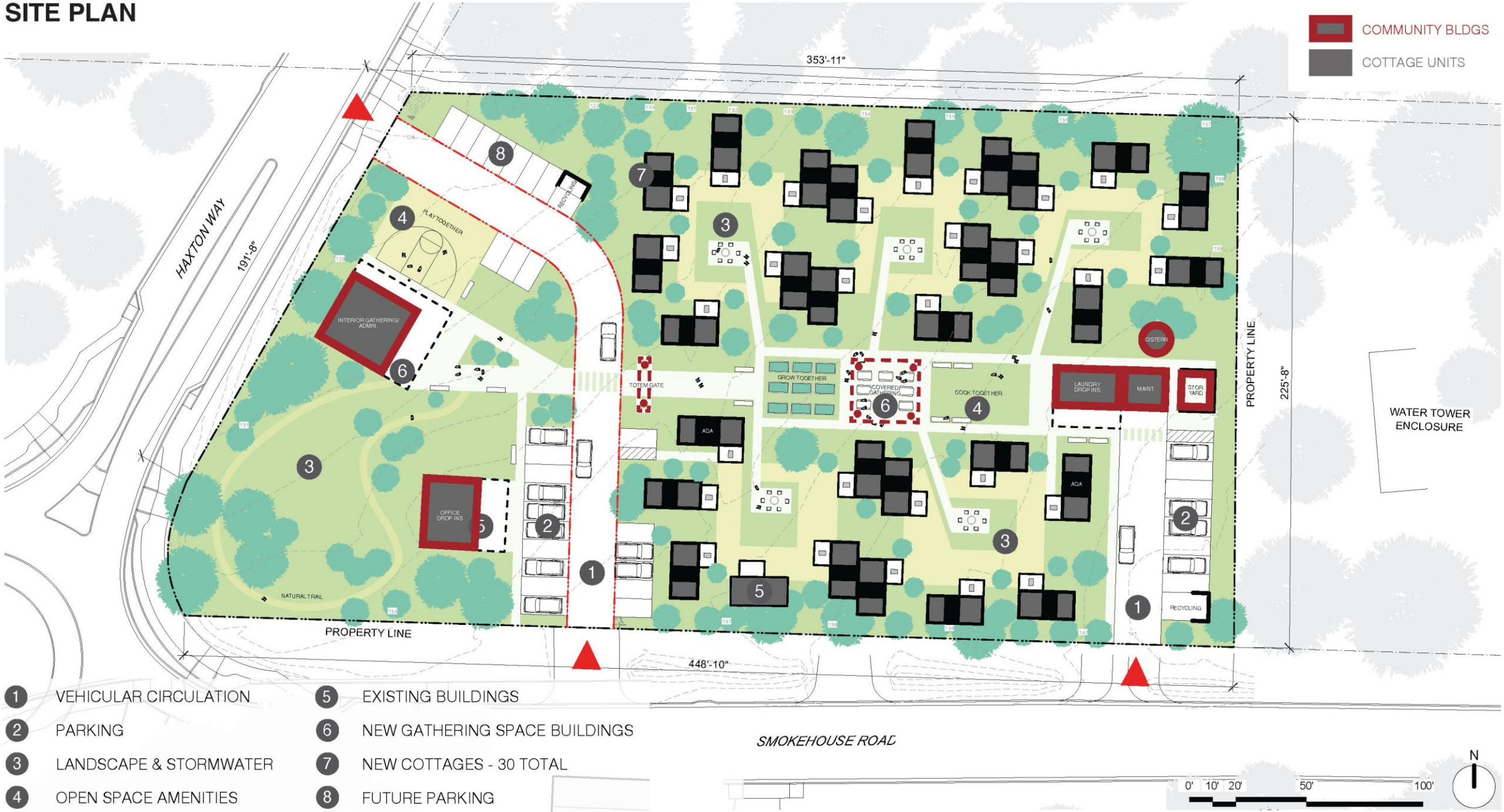
- Priority Goals: Health & Safety Services

**Behavioral Health & Security Presence**

- **Resident Case Manager for Behavioral Health & Substance Abuse Case Management**
- **Onsite staff for individuals who may be in crisis. Trained in Mindful de-escalation**

**Operations Plan includes procuring site security**

# SITE PLAN

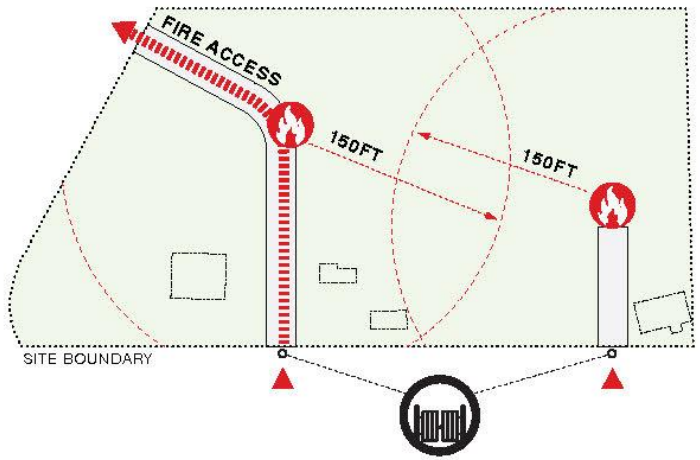



1 VEHICULAR CIRCULATION
2 PARKING
3 LANDSCAPE & STORMWATER
4 OPEN SPACE AMENITIES
5 EXISTING BUILDINGS
6 NEW GATHERING SPACE BUILDINGS
7 NEW COTTAGES - 30 TOTAL
8 FUTURE PARKING

# SITE / LANDSCAPE COMMON KIT OF PARTS

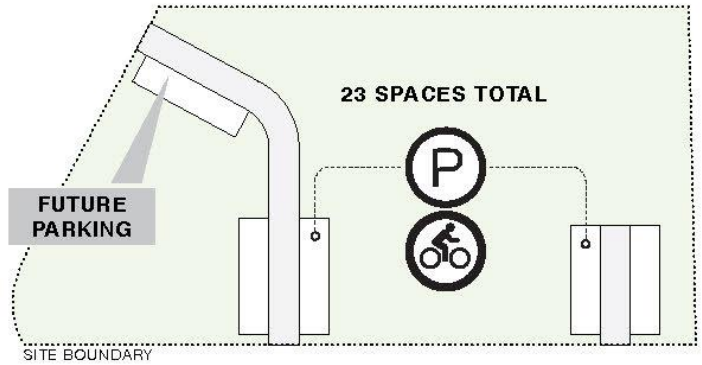
## VEHICULAR CIRCULATION / ACCESS GATES

- MINIMIZE PAVED SURFACES
- PRESERVE NATURAL SPACES
- AVOID TURN AROUND FOR FIRE TRUCKS



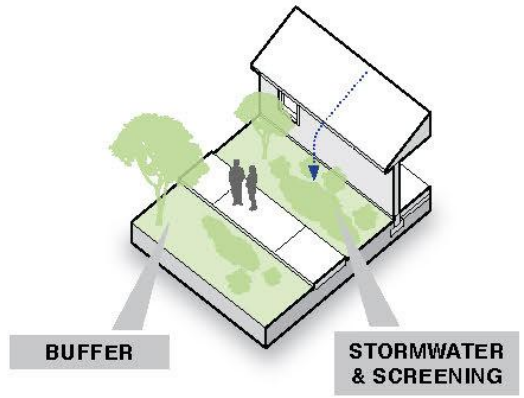

## PARKING

- 15 RESIDENTIAL, 5 STAFF, 3 VISITOR
- 1/2 SPOT PER HOUSING UNIT
- BIKE PARKING PROVIDED

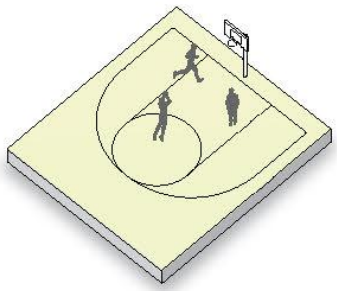



## LANDSCAPE

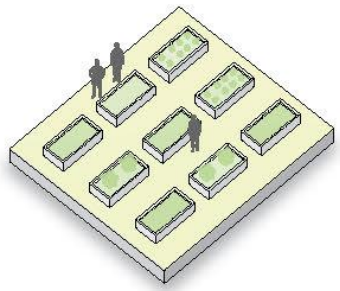
- BUFFERS FOR PRIVACY / SCREENING, BEAUTY
- STORMWATER MANAGEMENT / ECOSYSTEM SERVICES



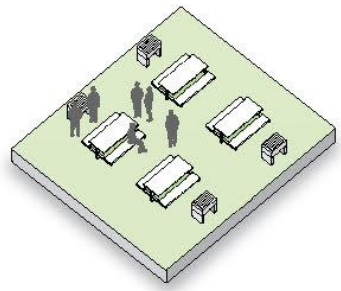

## OPEN SPACE AMENITIES



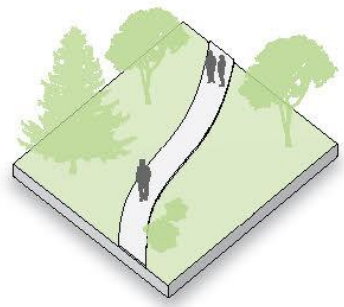
- BASKETBALL COURT -



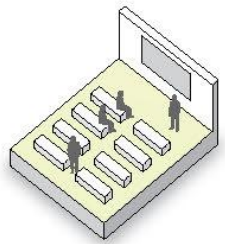
- SHARED GARDEN -



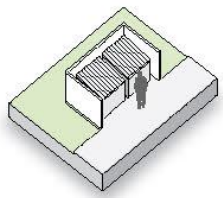
- COOKING SPACES -



- WALKING PATHS -



- OUTDOOR MOVIES -



- TRASH / RECYCLING HUBS -

# **BUILDING** COMMON KIT OF PARTS

### EXISTING BUILDINGS

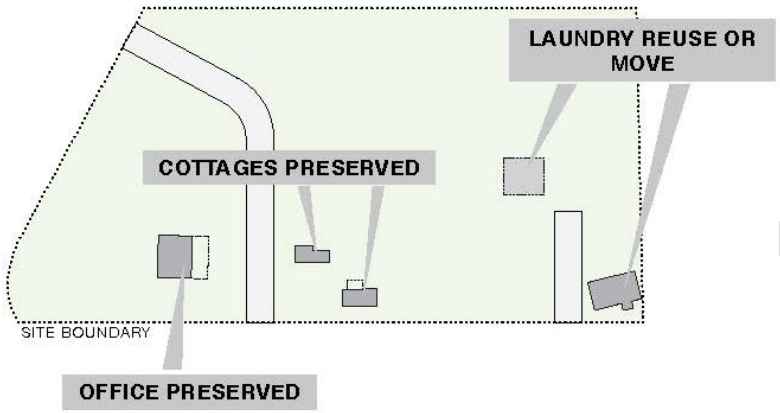
- COTTAGES PRESERVED / REUSED
- OFFICE PRESERVED
- LAUNDRY IN ALL SCHEMES - EITHER MOVE OR REUSE

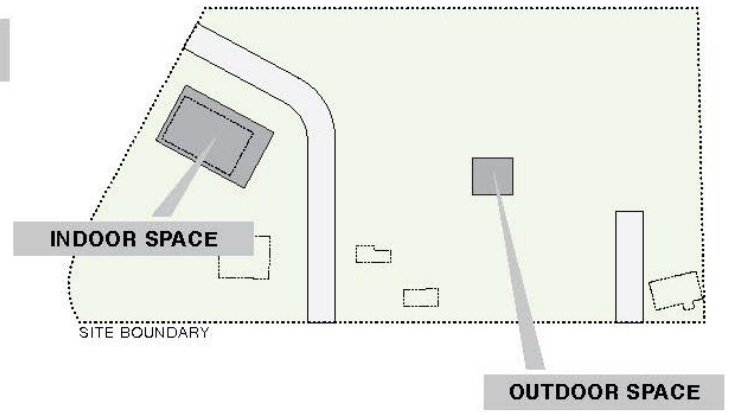
### NEW GATHERING SPACE BUILDINGS

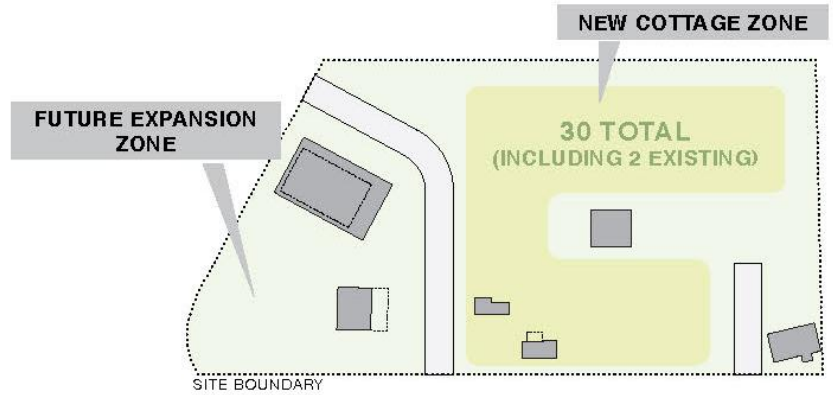
- COVERED OUTDOOR GATHERING SPACE
- ENCLOSED INDOOR MEETING SPACE

### NEW COTTAGES

- 3 TYPES (A, B, AND ADA)
- COTTAGES CLUSTER IN SMALL SUPPORT GROUPS
- LIVING AREA, 1 BR, BATH, KITCHEN, PORCH , STOR., SMALL YARD

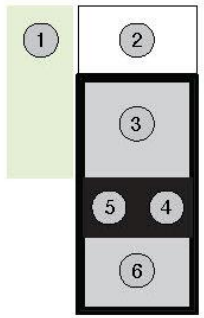


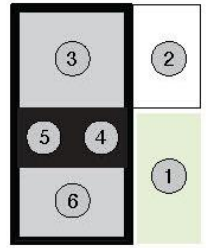




### NEW COTTAGES

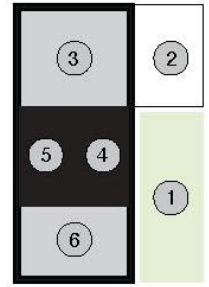
1. SMALL YARD
2. PORCH WITH STORAGE
3. LIVING / GATHERING ROOM
4. KITCHENETTE
5. BATHROOM
6. BEDROOM



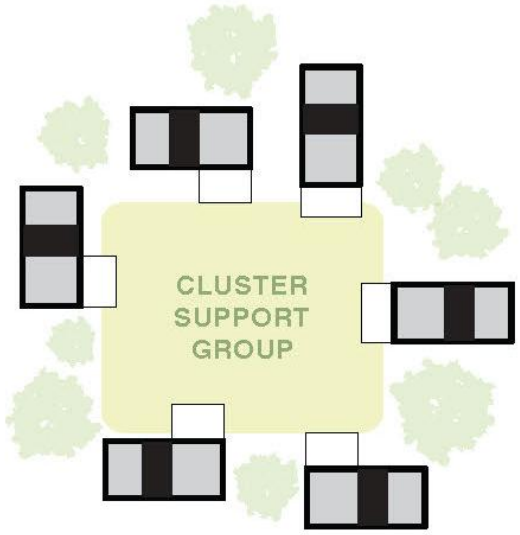

TYPE A




TYPE B




TYPE C - ADA ACCESSIBLE






Safety (accountability, sharing, community)

Services (health)

Control (safety)

Safety (permeability)

Health (sharing, recreation)







# Thank You!

James Miller, PhD

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Waipapa Taumata Rau | University of Auckland




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