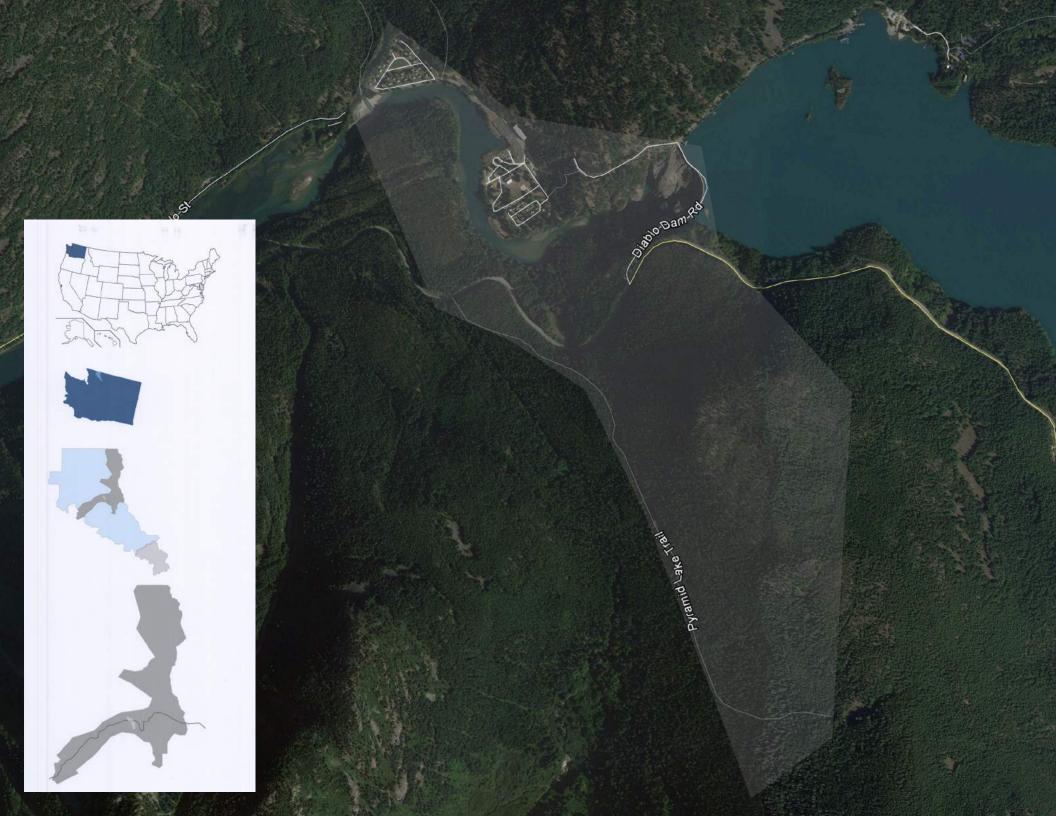
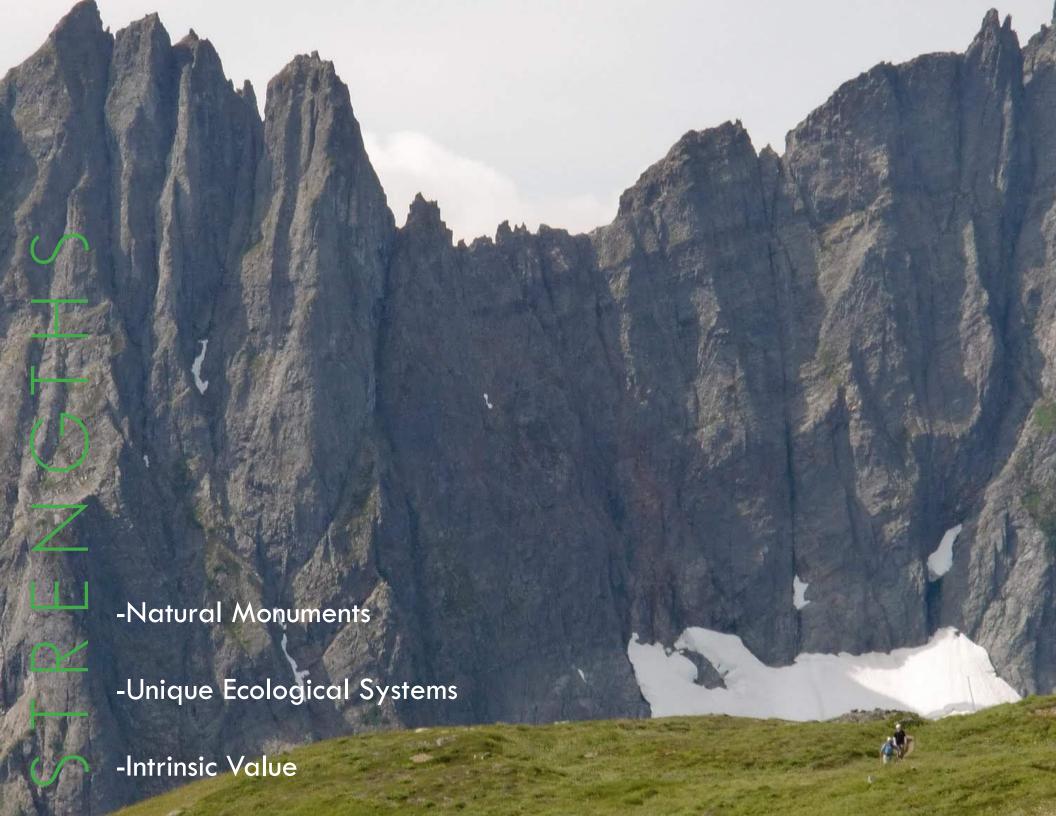


SITE HISTORY











Emphasis: Eco-Tourism

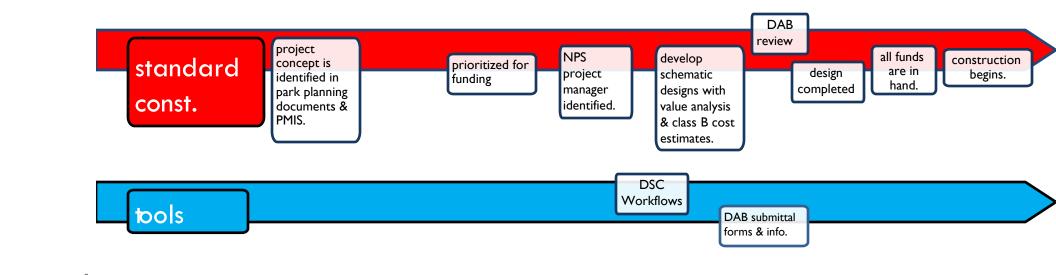


RESEARCH

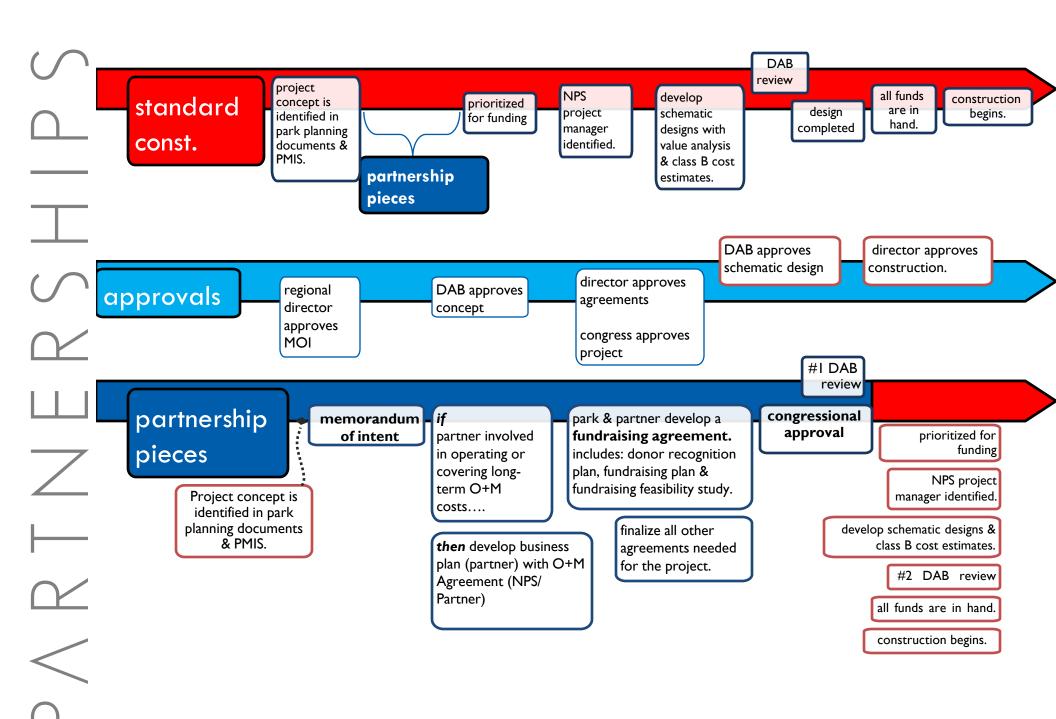








- -Value analysis to determine park/visitor needs
- -Director advisory board review <\$1 million
- -Projects can be set in complete phases



-Partners -Park staff -Central admin. office -Director advisory board -Ministry of interior

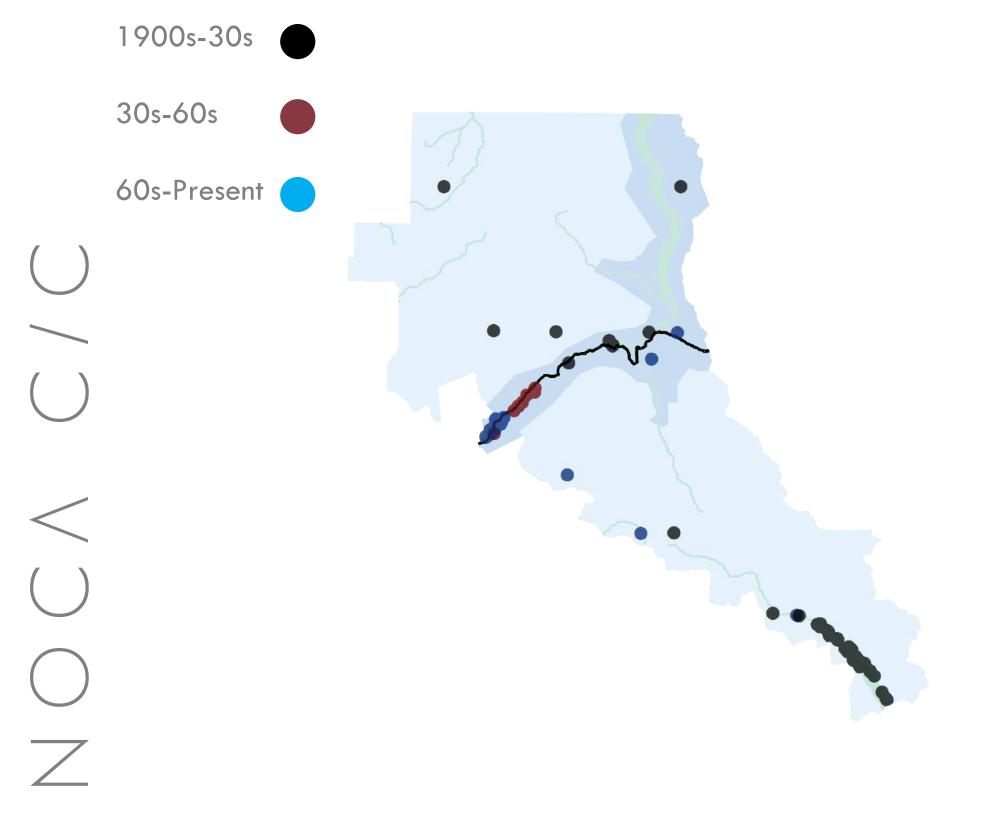
Ш	
Ш	-Park/forest
<u> </u>	-Admin
Z	-Visitors
	Projected Use: Peak Season (May-October): 100-120/Day (120x184) 22,080 (November-April): 40-60/Day (60x181) 10,860 Total Projection: ≈32,940

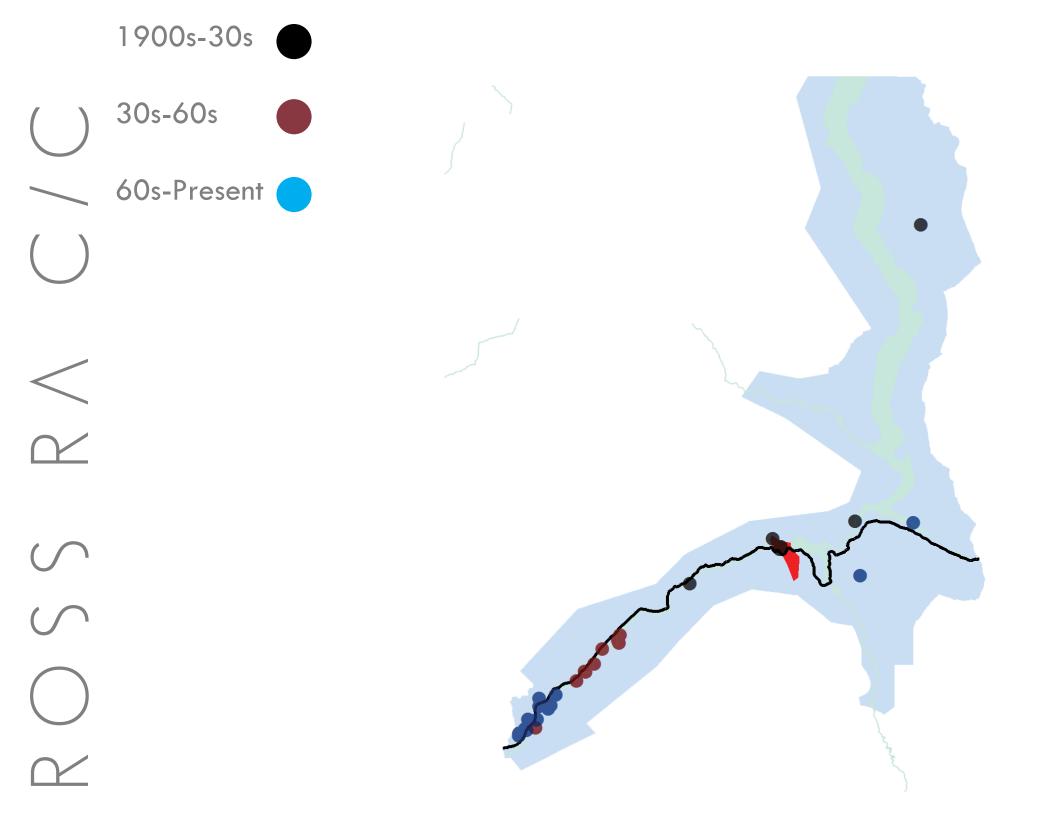
CODES

```
Admin: 1 spot/1 employee (2 spots)
     Dining: 1 spot/300 square feet for patrons, 1 spot/2 employees. (10
     Spots)
     Handicap: 51-75 Spots = (3 \text{ Spots})
     Lodging: 1 Spot/300 square feet for patrons, 1 spot/2 employees. (8
     Spots)
     Park: 1 spot/4 employees. (6 Spots)
     Rec Office: 1 Spot/300 square feet for patrons, 1 spot/4 employees.
     (8 Spots)
    Services: 1 spot/300 square feet for patrons, 1 spot/4 employees. (6)
     Spots)
     Visitor Center: 1 spot/300 square feet for patrons, 1 spot/2
     employees. (20 Spots)
Total: 60 Parking Stalls + Overflow Area
```

"Trails will be permitted within wilderness when they are determined to be necessary for resource protection and/or for providing for visitor use for the purposes of wilderness. The identification and inventory of the wilderness trail system will be included as an integral part of the wilderness management plan or other appropriate planning document. Trails will be maintained at levels and conditions identified within the approved wilderness management plan or other planning document. Trail maintenance structures (such as water bars, gabions) may be provided, under minimum requirement protocols, where they are essential for resource preservation or where significant safety hazards exist during normal use periods. Historic and/or prehistoric trails will be administered in keeping with approved cultural resource and wilderness management plan requirements."

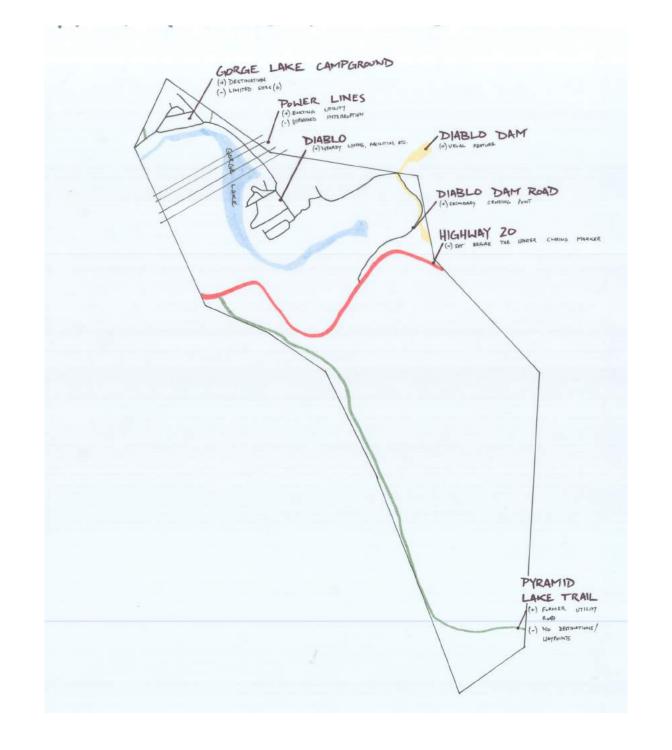
LOGGING





INVENTORY

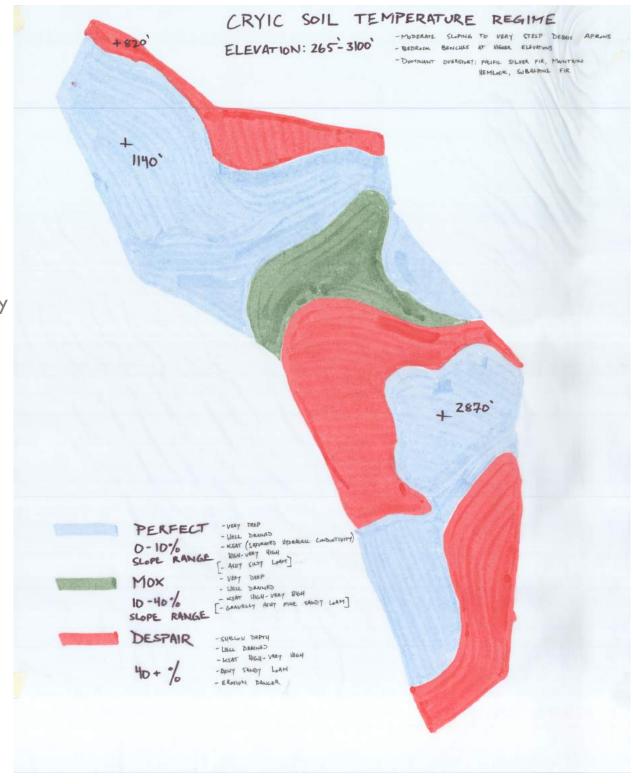
EXISTING FEATURES GORGE LAKE CAMPGROUND "PRIMITIVE" CAMPING - OPEN YEAR ROUND - 6 SITES + 990 MACRO SITE 0/0: 1 MILE X/X: 2 MILES PERIMETER: 5 MILES DIABLO AREA: 620 ACRES TOWN OF DIABLO - EST. 1930, SEATTLE CITY LIGHT +1140 - DAM TOWN DIABLO DAM NORTH CASCADES DIABLO DAM - 90% OF SEATTLE'S -90 MILES FROM SEATTLE POUGA GENERATED BY - 26,972 VISITORS (2015) Ly GREAT SMOKY: 304.2 MIL. THE SKAGIT HYDRO-ELECTRIC PROJECT YELLOUSTONE: 4.1 MIL. TRAILS -FLOW MEASURES - 236,000 years OLD GROWTH FOREST CREATED IN 5 FACILITIES -KEY POINTS 1970 TO END -NO ENTRANCE FEE THE DISRUPTED -BUILD ON SALMON RUN. -140 CAMP SITES CONTOURS 400 MILES OF TRAILS -FREQUENT GRADE REVERDE ENVIRONMENTAL LEARNING CENTER -GRADE & 1/2 -Noc4 OF SIDESLOPE -DAM+ SALMON - Max 15% (NOT ON SITE) - AUG. \$10% - ROUTE TO POSITIVE CONTROL POINTS/HAYABINT -BENCH CUT GNETRUOTON - EXCAVATE SOIL FROM HILLSIDE - AVOID FALL LINES + FLAT AREAS PYRAMID . LAKE TRAIL



despair soils
depth: shallow
drainage class: well drained
texture of surface layer: ashy
sandy loam
slope range: 40+

mox soils
depth: very deep
drainage class: well drained
texture of surface layer: gravelly
ashy fine sandy loam
slope range: 10% to 40%

perfect soils depth: very deep drainage class: well drained texture of surface layer: ashy silty loam slope range: 0% to 10%





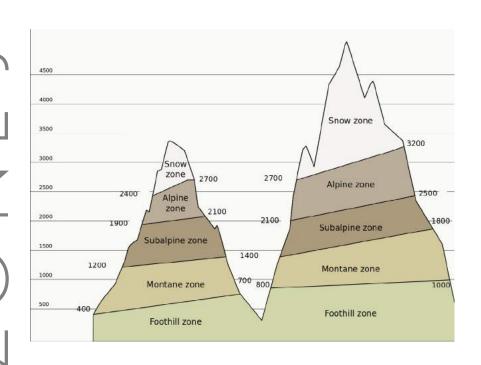
-0-1200: Lowland Foothills: Riparian zone, mountain base.

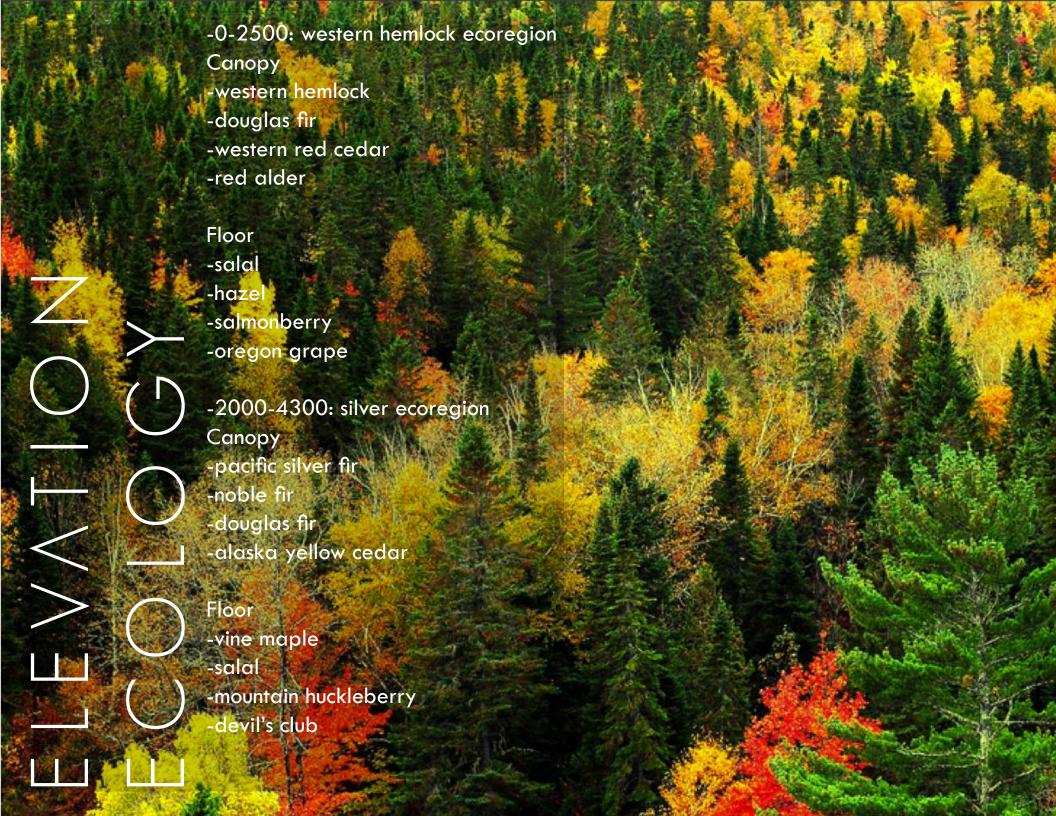
-1200-2600: Montane: Coniferous forest.

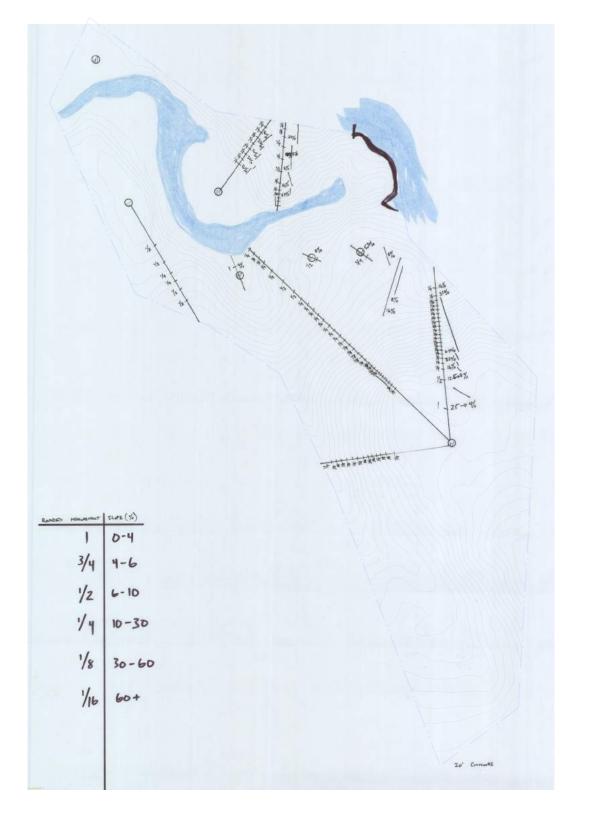
-2600-4600: Sub-Alpine: Highest vegetated zone, patchy, grasses protected from winds.

-5000-5200: Alpine: Zone between tree line and snow.

-5200+: Nival: Snow, hardy plants that survive in silica soil.



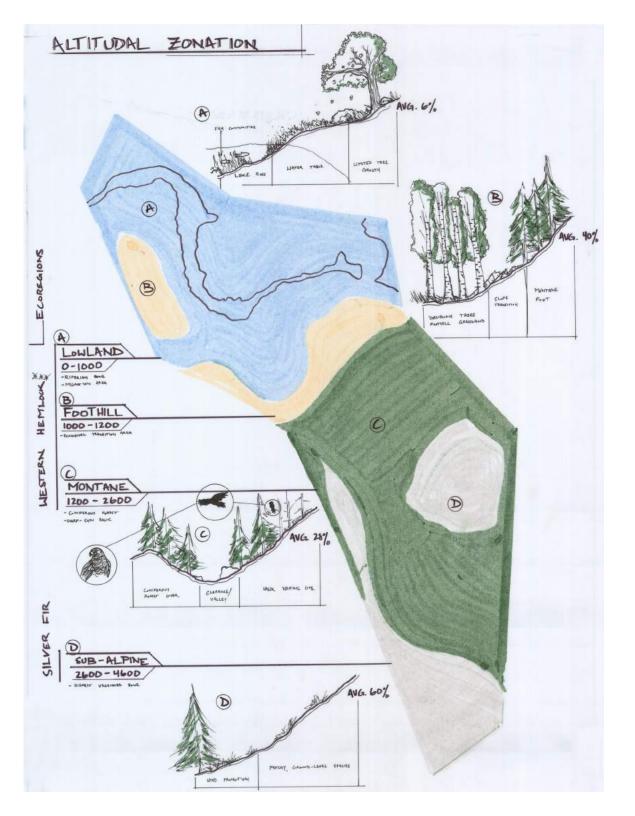




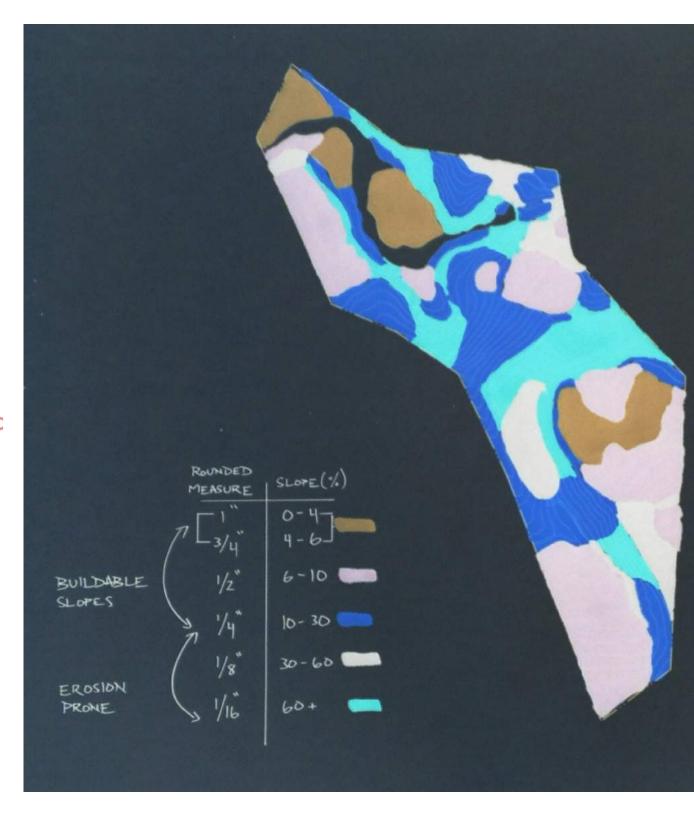


$\wedge N \wedge LYSIS$

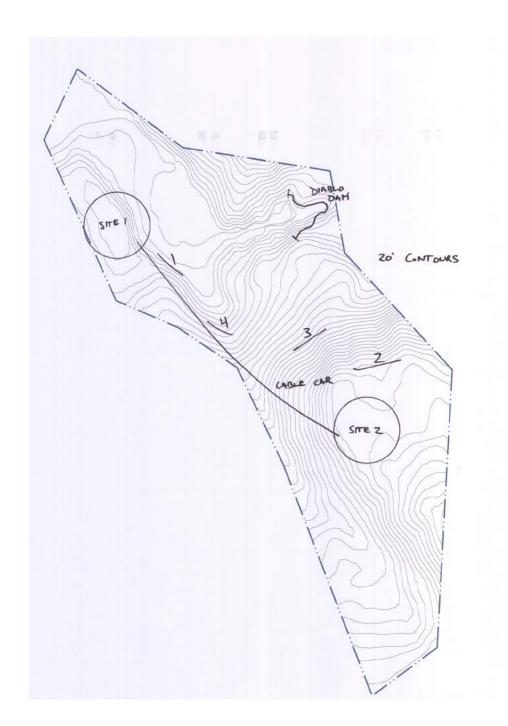
Altitudinal Zonation +
Elevation Ecology + Razing
Zones + Slope Analysis =
Ecological Character Systems



Elevation Ecology + Soil
Composition + Slope
Analysis = Stability Metric



Ecological Character Systems + Stability Metric = Project Sites

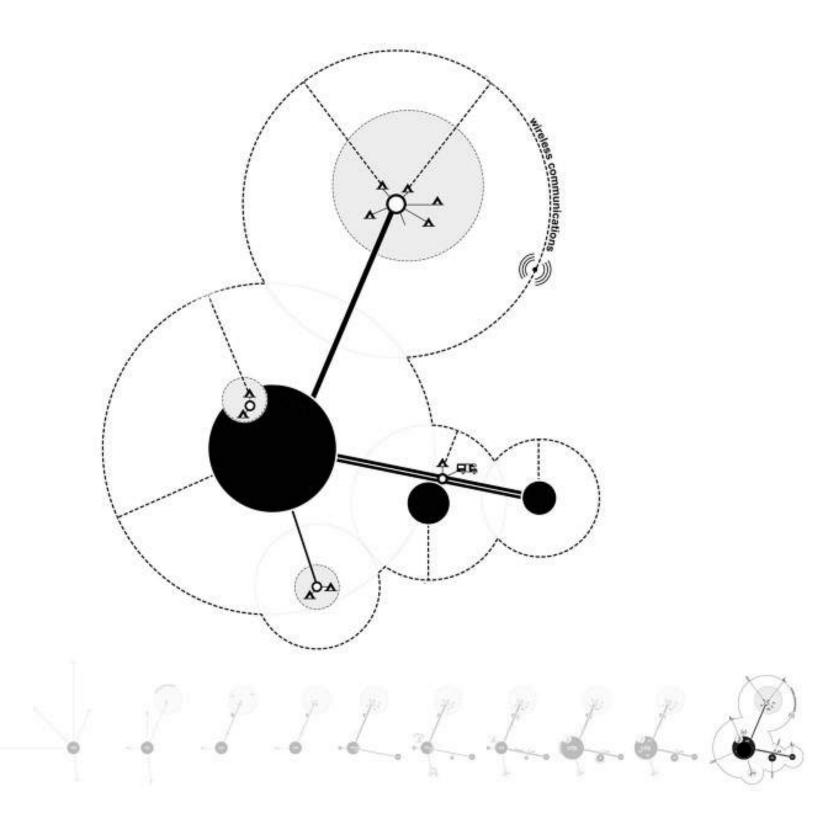


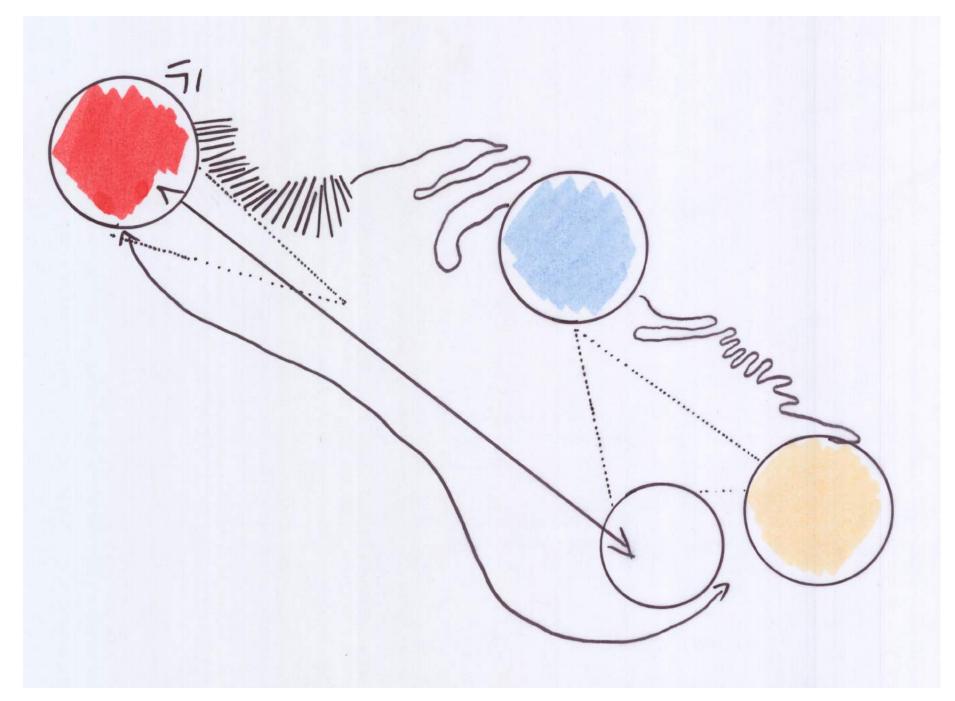
Recreation

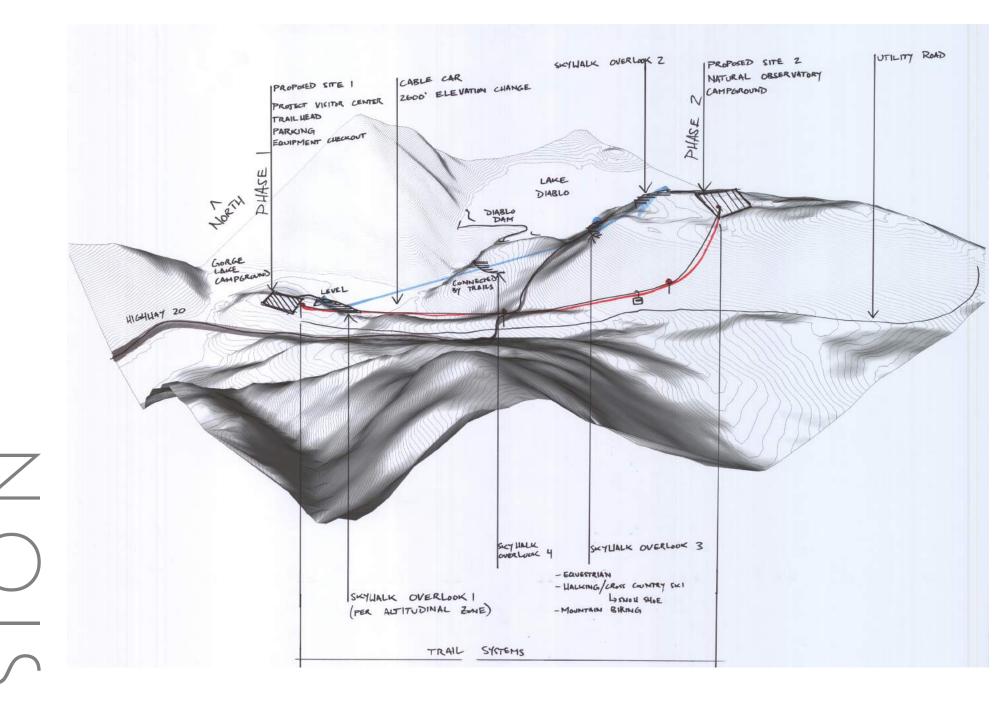
	Jasper	Oak Creek	Rak Al Jais	Sandia	Table Mountain
Backpacking	•	×	×	×	×
Cable Car/Tram	×	×	•	•	•
Camping	•	•	×	×	×
Caving	×	×	×	×	•
CC Skiing	×	×	×	•	×
Downhill Ski/Snowboarding	•	×	×	•	×
Equine	•	•	•	•	×
Ferry	•	×	×	×	×
Fishing	•	•	×	×	×
Hiking/Trails	•	•	•	•	•
Kayaking	•	×	×	×	×
Mountain Biking	•	•	×	×	•
Natural Water Slide	×	•	×	×	×
Paragliding	×	×	•	×	×
Picnic Area	•	•	×	•	•
Rafting	•	×	×	×	×
Rock Climbing	×	×	×	×	•
Swimming	×	•	×	×	×

Amenities/Facilities

	Jasper	Oak Creek	Rak Al Jais	Sandia	Table Mountain
Visitor/Learning Center	•	×	•	×	•
Natural Observatory	×	×	•	×	×
Tram Reception Hubs	•	×	•	•	•
Restaurant/Dining	•	×	•	•	•
Gift Shop	•	×	•	•	•
Parking	×	×	•	•	•
Boat Launch	•	×	×	×	×
Lodging	•	×	•	•	•
Overlook/Skywalk	•	×	•	×	×
Signage/Wayfinding	•	•	×	×	×
Equipment Rental	•	×	×	•	×
Restrooms	•	•	•	•	•
Utility Roads/Trails	•	•	•	•	•







ACC Operation: 4

Admin: 2

Custodial: 2

Housekeeping: 4

Kitchen: 6

Maintenance/Engineers: 4

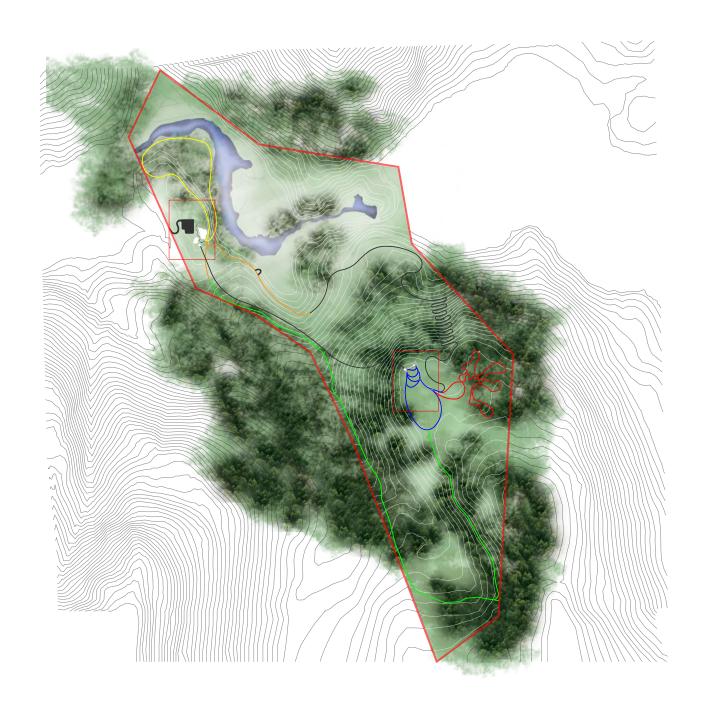
Rangers: 8

Scientists: 2

Service: 8

_______Total: ≈40-60

DESIGN



APPROACH

DECOMPRESSION

RECEPTION

ORIENTATION

INTERPRETATION

ZTRANSFORMATION



Visitor Center 1 Story, 13,865 ft²

Admin: 600 ft²

Education: 6,000 ft²

Facilities: 430 ft²

Gift Shop: 800 ft²

Rec Office: 5,000 ft²

Utility: 1,035 ft²

Ш

Lodge 2 Stories, 9,510 ft²

Admin: 380 ft²

Dining: 2,000 ft²

Facilities: 200 ft²

Lodging: 6400 ft² (20 320 ft² rooms)

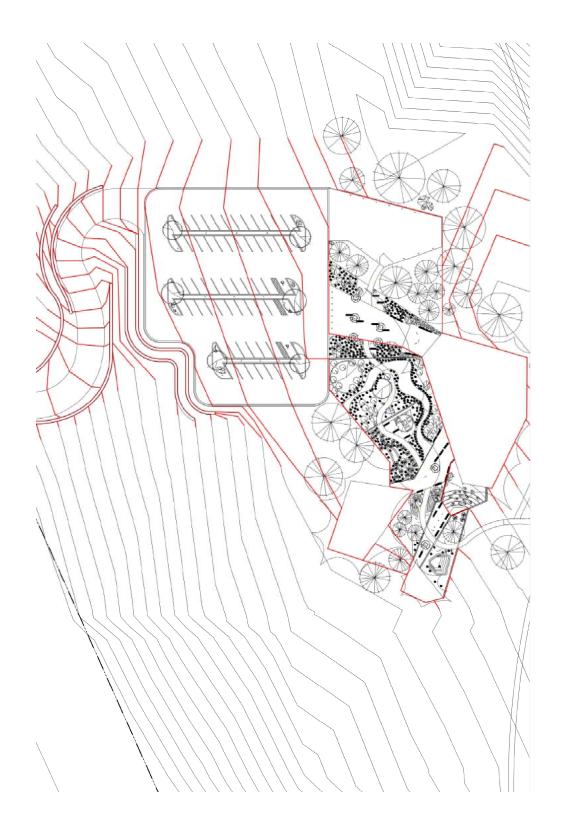
Utility: 530 ft²

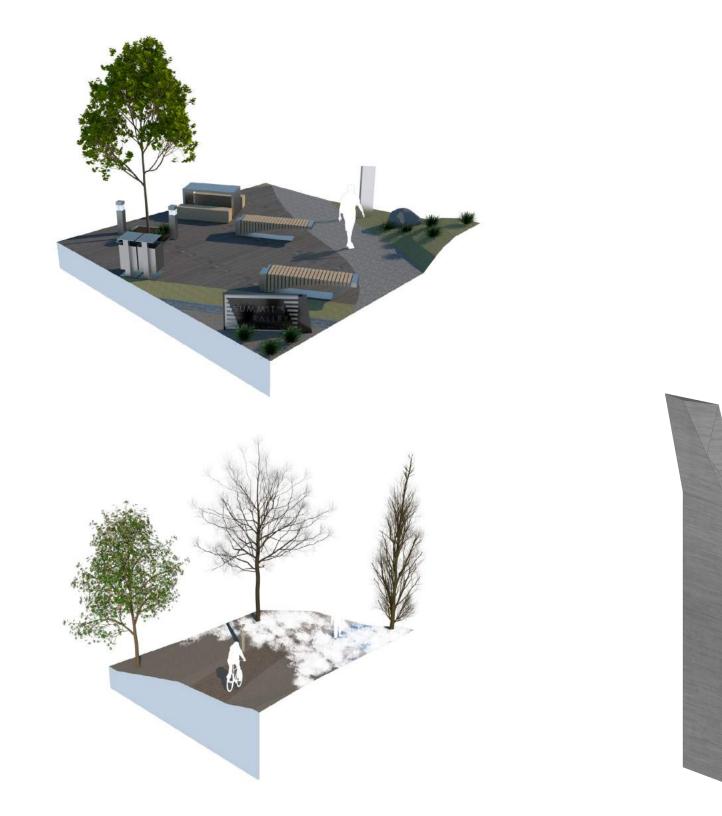


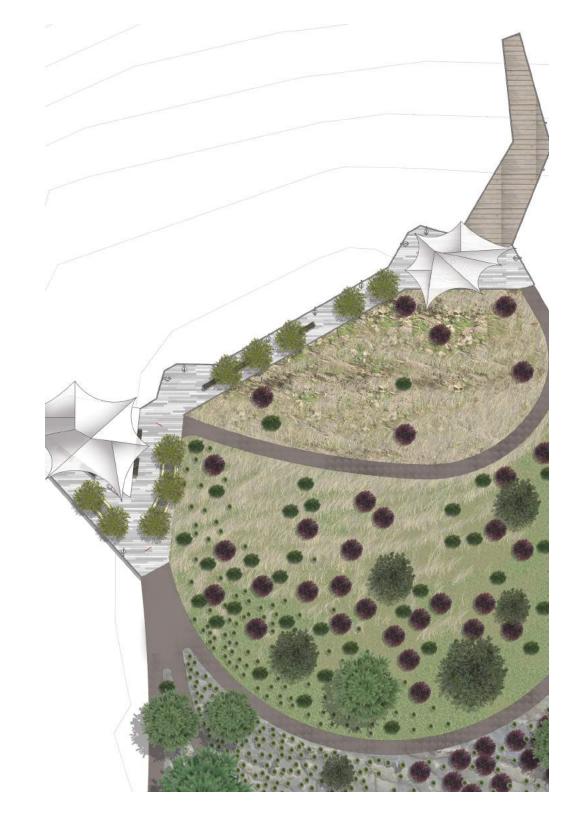
ACC Hub (x2) 2 Stories, 2,210 ft²

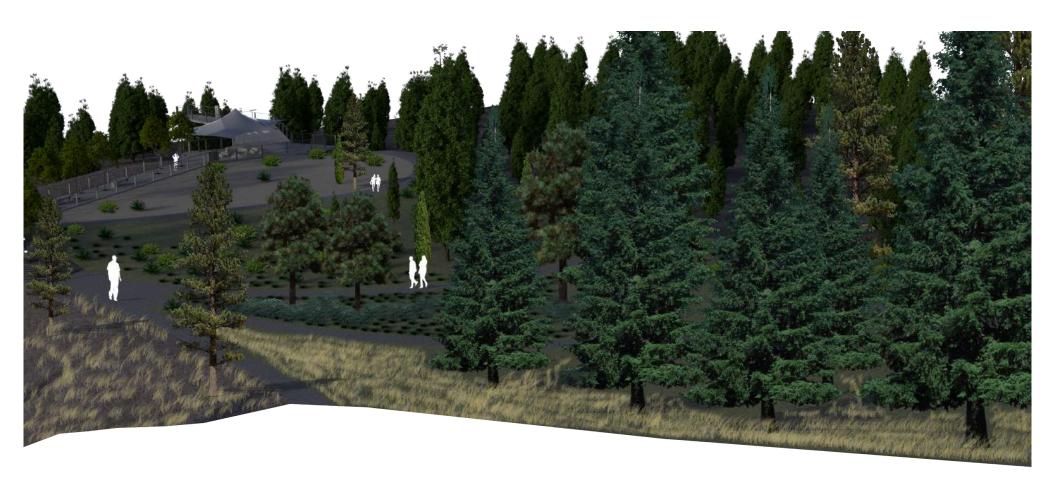


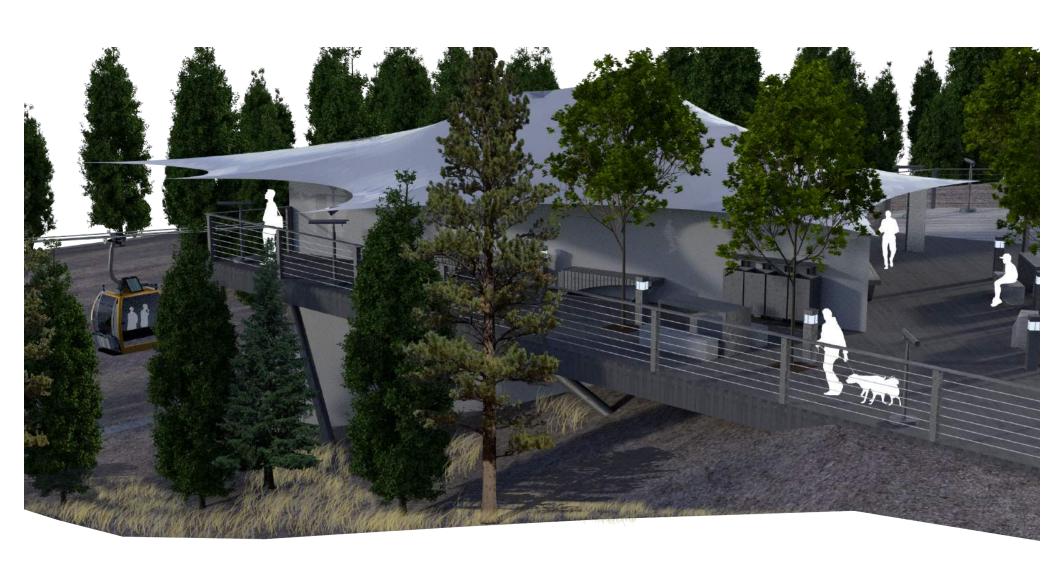




















Summit's Rally Preserving the ecological systems of The Ross Lake Rec. Area and the North Cascades National Park through recreational education. Primary Design Typology: Environmental Planning Secondary Design Typology: Parks and Open Spaces **Emphasis: Eco-Tourism** Project Goals/Objectives Environment Education -To sustain, ameliorate, and advocate dynamic environmental systems. -To educate visitors and spread awareness of present transboundary logging encroachment. -To create a low-impact destination that will attract more visitors without sacrificing the soul of the park.

COMMENTS+QUESTIONS