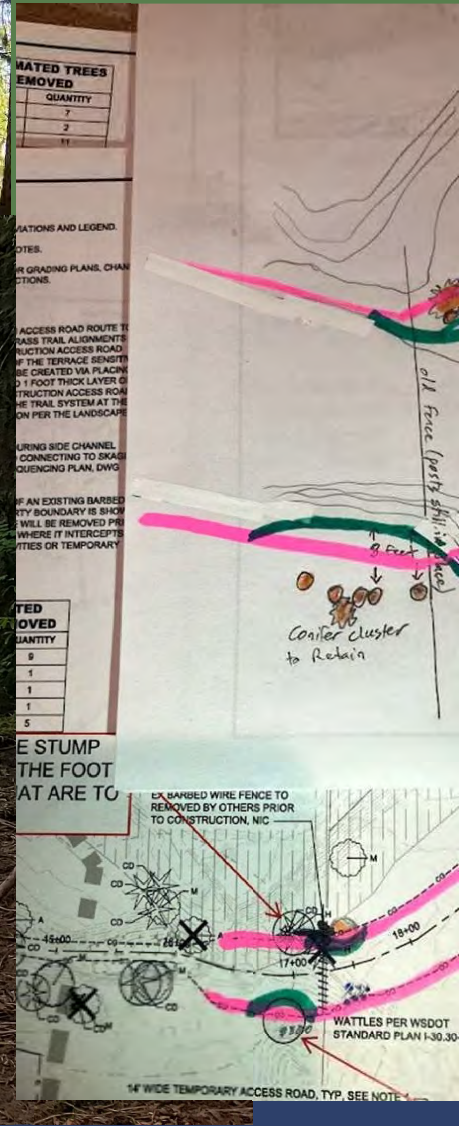




Problem solving







Resilience

- **Diverse species**
- **Replanting**
- **Natural regeneration**
- **Building soils**
 - Flood deposits
 - Hardpan
 - Organic matter
- **Learning**
- **Modifying & replanting**







Planting Plan

- 20 species
- 2-13% each
- Functional ecological role (niche)
 - Canopy
 - Understory
 - Shrub layer
 - Streambank/poorly drained soils
 - Aquatic

Trees	41%	5419
Shrubs	41%	5436
Aquatic	19%	2500

Species	Common Name	Percent	Total
PSME	Douglas Fir	3%	425
THPL	Western Red Ced	8%	1091
POBA	Black Cottonwoo	3%	375
ACMA	Big Leaf Maple	3%	375
ALRU	Red Alder	3%	375
ABGR	Grand Fir	3%	425
PISI	Sitka Spruce	3%	425
SASI	Pacific Willow	13%	1700
RHPU	Cascara	2%	228
SYAL	Snowberry	2%	228
OECE	Osoberry	2%	228
RUSP	Salmonberry	2%	228
SARA	Red Elderberry	2%	228
SPDO	Hardhack	7%	935
COST	Red-osier Dogwo	12%	1661
SALU	Sitka Willow	13%	1700
PHCA	Ninebark	2%	228
Water Par	Water Parsley	6%	800
Slough Se	Slough Sedge	7%	900
Glyceria g	Glyceria grandis	6%	800
Total		100%	13355





Lessons Learned

- **We are living in uncertain times**
 - Set realistic benchmarks
 - Plan for longer timelines
 - Budget for contingency, repairs & modifications
 - Incorporate replanting & maintenance
- **Design with natural processes in mind**
- **Utilize Adaptive Management**
- **Nature is resilient. We must be too.**





Ecosystem services : shared goals

- Healthy Water
- Healthy Populations
 - Species & food web
 - People
- Quality
 - Habitat
 - Community



Project Partners





SKAGIT FISHERIES
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GROUP**

Thank you!

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