



Mountains to Sound
Greenway Trust



northwest hydraulic consultants



THE
WATERSHED
COMPANY

SCALE - 1:1,250



Coordinate System: NAD 1983 STATEPLANE
WASHINGTON NORTH FIPS 4601 FEET

Job: 2002182

Date: 1-April-2019

Lower Issaquah Creek
Restoration at
Lake Sammamish State Park
Conceptual Design

Reach 1

Extent of Survey and Hydraulic Model

Design Elements

- Apex Jam
- Large Spur Jam
- Small Spur Jam
- Log Jack
- Single Piece
- Excavation

Design elements shown are for illustration purposes only. Exact locations, orientation and quantities to be determined during further stages of design.

Limit of easy left bank construction access

Small natural berm along right bank separates channel from large low-elevation wetland area; opportunity to construct pilot channel and increase wetted area.

Existing Pedestrian Bridge

Reach 1
Reach 2

Lowest Alluvial Bar (sandy)

Existing Parking Area

Field Observations

- Geomorphic Feature
- Existing LWM Jam
- Existing LWM
- Pebble Count Location

- Trail
- Improved Path
- Erosion
- Erosion (Part Stabilized)
- Revetment

Existing Tree Canopy Height

- 40-70 ft
- 70-100 ft
- >100 ft

Depth and Elevation Relative to 2-yr Water Surface

Depth (ft)



Relative Elevation (ft)

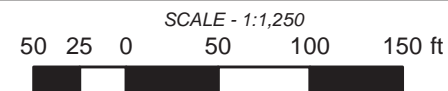




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Reach 2

Design Elements

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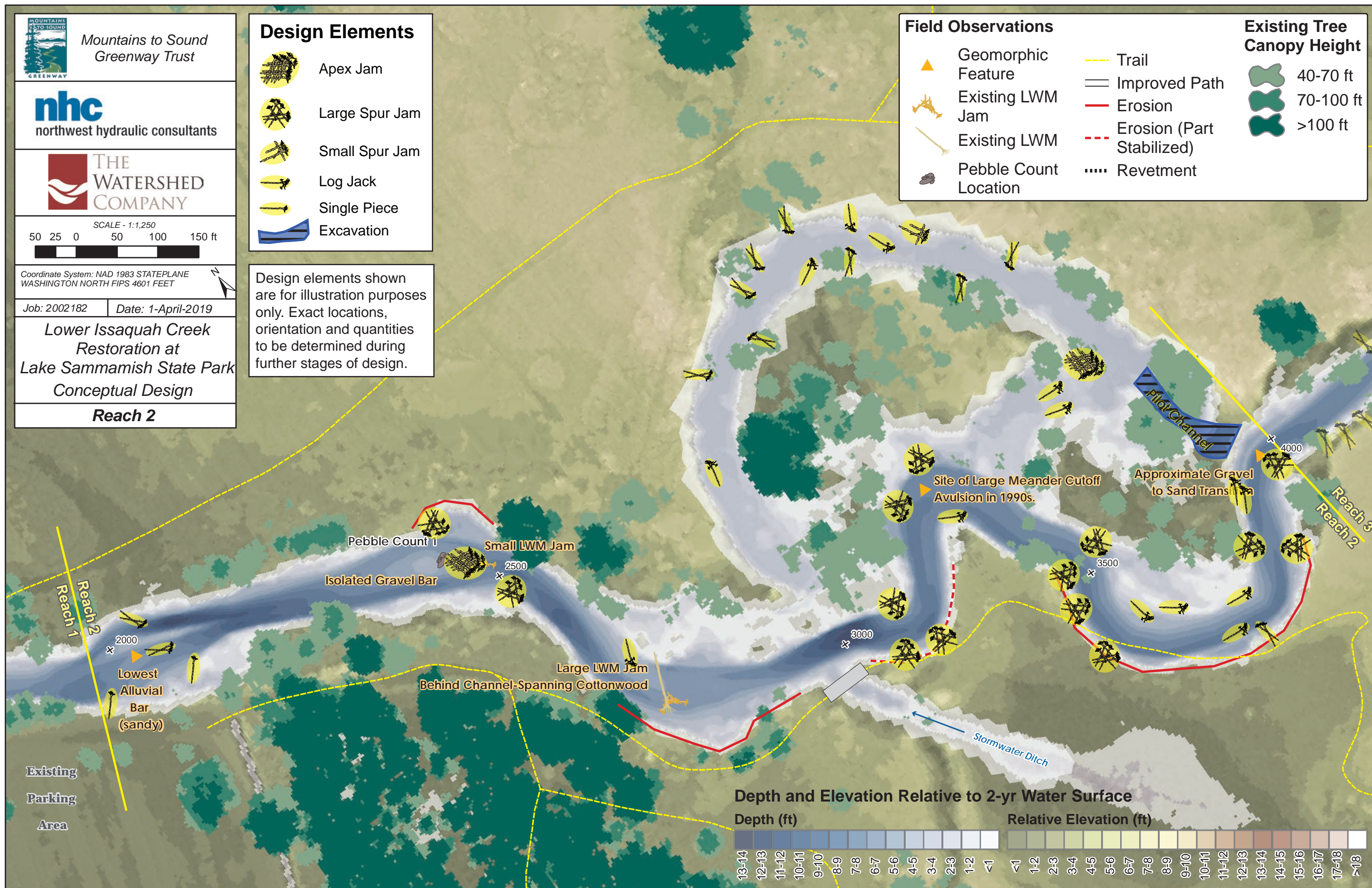
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50 25 0 50 100 150 ft

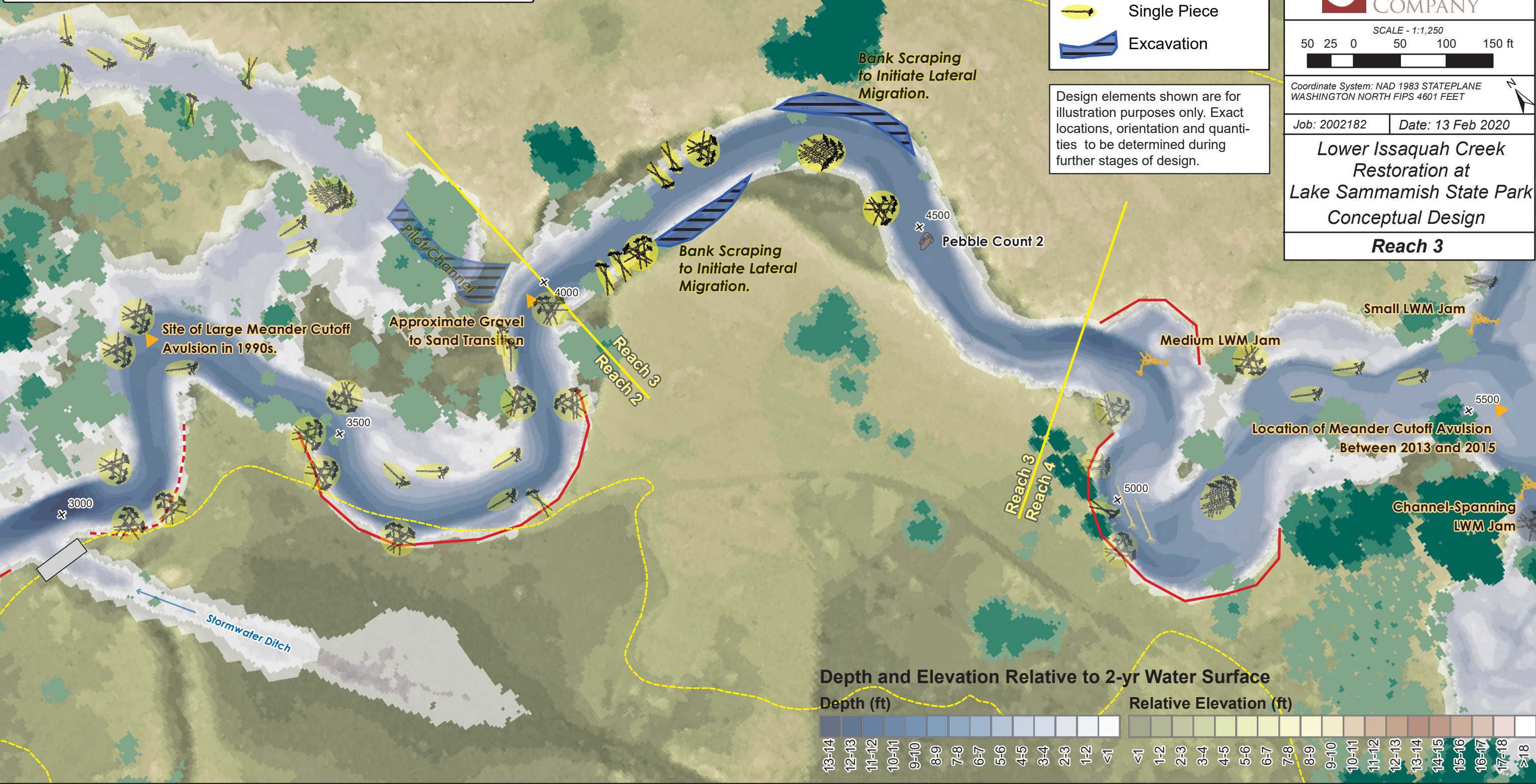
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Job: 2002182 | Date: 13 Feb 2020










Lower Issaquah Creek Restoration at Lake Sammamish State Park

Conceptual Design


Reach 3



Field Observations

-  Geomorphic Feature
-  Existing LWM Jam
-  Existing LWM
-  Pebble Count Location
-  Trail
-  Improved Path
-  Erosion
-  Erosion (Part Stabilized)
-  Revetment

Existing Tree Canopy Height

-  40-70 ft
-  70-100 ft
-  >100 ft

Count 2



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Reach 4