



US Army Corps  
of Engineers  
Seattle District



# Joint Public Notice

## Application for a Department of the Army Permit and a Washington Department of Ecology Water Quality Certification and/or Coastal Zone Management Consistency Concurrence

**US Army Corps of Engineers**  
Regulatory Branch  
Post Office Box 3755  
Seattle, WA 98124-3755  
Telephone (206) 316-3360  
ATTN: Rory Lee,  
Project Manager

**WA Department of Ecology**  
SEA Program  
Post Office Box 47600  
Olympia, WA 98504-7600  
Telephone (360) 407-6076  
ATTN: SEA Program,  
Federal Permit Coordinator

**Public Notice Date:** November 12, 2020  
**Expiration Date:** December 12, 2020

**Reference No.:** NWS-2020-646  
**Name:** Snoqualmie, City of and King  
County (Bank Stabilization)

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Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) and the Washington Department of Ecology (Ecology) have received an application to perform work in waters of the United States as described below and shown on the enclosed drawings dated December 2018.

The Corps would review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology would review the work pursuant to Section 401 of the CWA with applicable provisions of State water pollution control laws and the Coastal Zone Management Act.

**APPLICANT:** City of Snoqualmie and King County  
ATTN: Ms. Lori Noto  
PO Box 987, 38624 Southeast River Street  
Snoqualmie, Washington 98065  
Telephone: (425) 888-5307

**AGENT:** 48 North Solutions, Inc.  
ATTN: Mr. Bill Mavros  
909 Northeast Boat Street  
Seattle, Washington 98015  
Telephone: (206) 637-5442

**LOCATION:** In the Snoqualmie River at the juncture of Southeast River Street and Park Avenue Southeast Street at Snoqualmie, Washington.

**WORK:** The City of Snoqualmie has proposed to stabilize an existing failing revetment constructed along the left bank of the Snoqualmie River by excavating up to 4,900 cubic yards of riprap and auto-frames, and placing up to 6,800 cubic yards of new riprap below the ordinary high water mark (OHWM). Additional work would include the redesign on an existing outfall.

**PURPOSE:** The purpose of this project is bank stabilization.

**DREDGE MATERIAL TESTING:** The site has approximately 130 linear feet of discarded automobile frames located below the ordinary high-water mark (OHWM). Sampling of soils adjacent to the dilapidated auto frames was performed to characterize potential contamination. Three soils samples collected at shovel depth were analyzed in May 2019. Washington Department of Ecology's (Ecology) guidance for cleanup targets, specifically technical information provided by the Cleanup Levels and Risk Calculation program, was referenced to assess the soil analysis results. The soil samples were evaluated based on the minimum threshold concentration for various potential exposure scenarios at a site. None of the thresholds were exceeded except for an exceedance in Methylene Chloride concentrations in two of the three samples. Methylene Chloride is a relatively volatile compound found in paint stripper and is also a commonly used solvent in laboratories. As the samples were taken by a riverbank that is frequently submerged, the elevated concentrations are likely attributed to a potential cross-contamination during the laboratory analysis. Therefore, special disposal arrangements are not being considered for excavated material. The sample results do not trigger a sediment removal action. However, the dredged material would be deposited at an approved upland site approved by the Washington State Department of Ecology and the King County Department of Health. The project is being reviewed by the Dredged Material Management Program (DMMP). The DMMP evaluation may include additional chemical and biological testing of sediments.

**ADDITIONAL INFORMATION:** Excavation of the riverbank and placement of fill materials would be completed using earth moving equipment. Bank stabilization would include laying back the existing slope where possible and the placement of a 2.5-foot armor layer of riprap. An approximately 10-foot tall layer of reinforced fill, extending approximately 30-foot landward, would be placed at the top of bank behind the rip-rap layer. Reinforced fill would be placed at 1.5-foot lifts with geogrid to enhance the upper bank stability. Establishing this would entail cutting the slope with an excavator from the bank and placement of fill and rock armoring. In addition, a launching rock toe would be installed at the toe of slope for scour protection.

Timber piles would be installed at the lower half of the embankment for bank stabilization. Over-lengthened piles would be driven by impact hammer into the ground, and pile tops would be cut off at ground level once the 25-foot embedment depth is reached. Installation would be carried out using pile rigs placed on top of the exposed bank or crane suspended pile hammers. Impact pile driving would be conducted during hours per local ordinance and permit requirements.

Additional in-water work would include replacement of King County's outfall structure. The outfall is located below the OHWM but the design is not yet finalized. The outfall would likely be a pipe protruding out of the riprap and there would not be a need for a dissipation pad as the outflow would drain onto the riprap.

**MITIGATION:** The applicant has proposed permittee-responsible compensatory mitigation through on-site shoreline cleanup and enhancement actions. The applicant has proposed to remove debris (auto frames and scrap metal) over 130 linear feet of shoreline by excavating up to 3 feet beyond the planned excavation depth, and to plant the shoreline with native species.

**ENDANGERED SPECIES:** The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and/or U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. After receipt of comments from this public notice, the U.S. Army Corps of Engineers would evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

**ESSENTIAL FISH HABITAT:** The U.S. Army Corps of Engineers (Corps) has determined that the proposed action would not adversely affect designated EFH for federally managed fisheries in Washington waters. No further EFH consultation is necessary.

**CULTURAL RESOURCES:** The Corps has reviewed the latest published version of the National Register of Historic Places, Washington Information System for Architectural and Archaeological Records Data and other sources of information. Historic properties are recorded near the proposed project. However, they do not occur in the permit area. The permit area has been so extensively disturbed by modern development that little likelihood exists for the proposed project to impinge upon an undisturbed historic property. The Corps invites responses to this public notice from Native American Tribes or Tribal governments; Federal, State, and local agencies; historical and archeological societies; and other parties likely to have knowledge of or concerns regarding historic properties and sites of religious and cultural significance at or near the project area. After receipt of comments from this public notice, the Corps would evaluate potential impacts and consult with the State Historic Preservation Officer and Native American Tribes in accordance with Section 106 of the National Historic Preservation Act, as appropriate.

**PUBLIC HEARING:** Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

**EVALUATION – CORPS:** The decision whether to issue a permit would be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision would reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal would be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The Corps is soliciting comments from the public; Native American Nations or Tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received would be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

The described discharge would be evaluated for compliance with guidelines promulgated by the Environmental Protection Agency under authority of Section 404(b)(1) of the CWA. These guidelines require an alternatives analysis for any proposed discharge of dredged or fill material into waters of the United States.

**SOURCE OF FILL MATERIAL:** The sand, riprap, and fish rock would be obtained from commercial sources free of contamination.

**EVALUATION – ECOLOGY:** Ecology is soliciting comments from the public; Federal, Native American Nations or Tribal governments, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Ecology would be considering all comments to determine whether to certify or deny certification for the proposed project.

**ADDITIONAL EVALUATION:** The City of Snoqualmie is reviewing the Shorelines Substantial Development permit for this project.

NWS-2020-646; Snoqualmie, City of and King County (Bank Stabilization)

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice would be accepted and made part of the record and would be considered in determining whether authorizing the work would not be contrary to the public interest. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commenter's name, address, and phone number. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration.

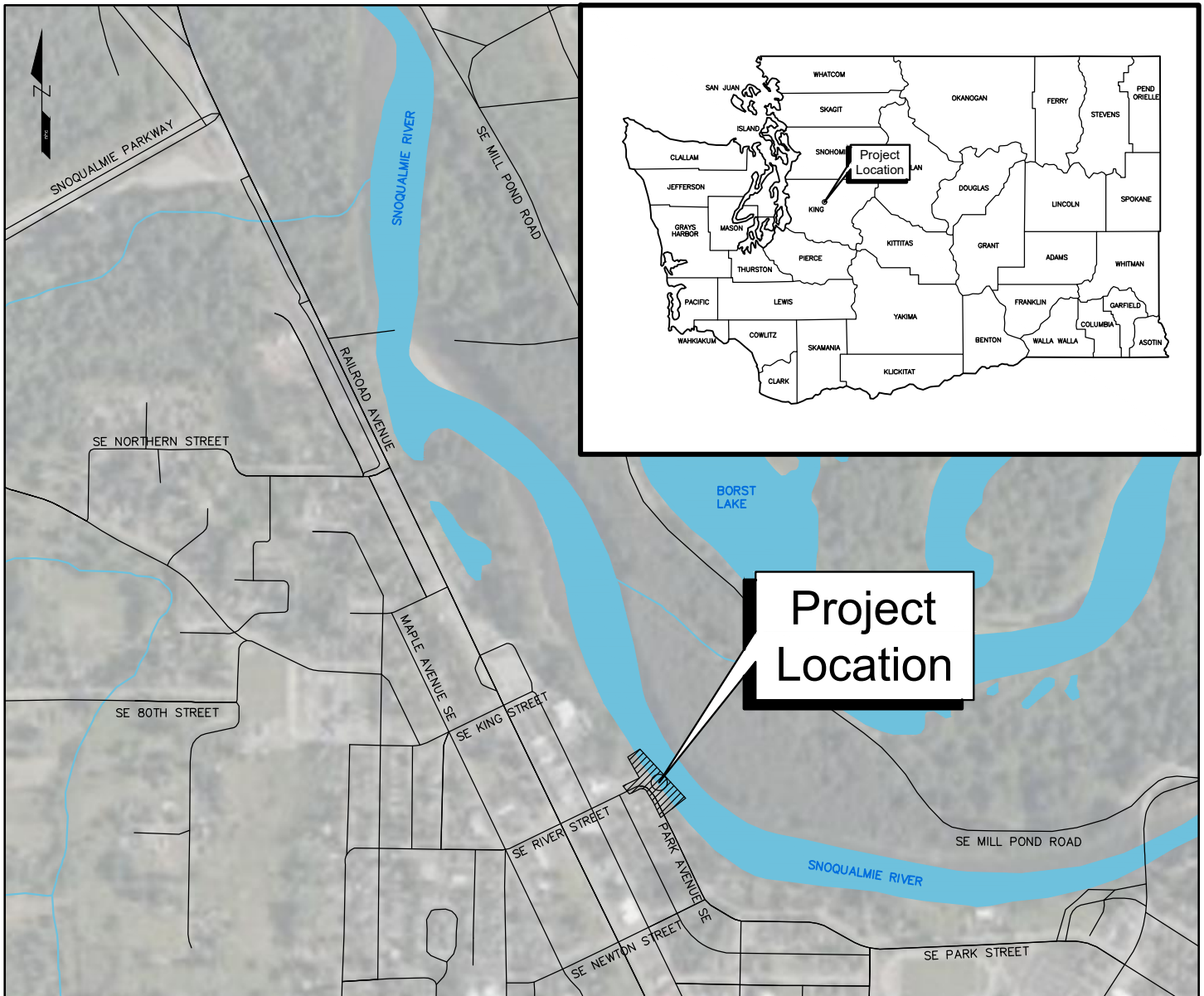
Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance. Select and view the listing for this project.

CORPS COMMENTS: All e-mail comments should be sent to [rory.w.lee@usace.army.mil](mailto:rory.w.lee@usace.army.mil). Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Rory Lee, P.O. Box 3755, Seattle, Washington 98124-3755. All comments received would become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses.

ECOLOGY COMMENTS: Any person desiring to present views on the project pertaining to a request for water quality certification under Section 401 of the CWA and/or Coastal Zone Management consistency concurrence, may do so by submitting written comments to the following address: Department of Ecology, Attention: SEA program – Federal Permit Coordinator, P.O. Box 47600, Olympia, Washington 98504-7600, or e-mail to [ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov).

To ensure proper consideration of all comments, responders must include the following name and reference number in the text of their comments: Snoqualmie, City of and King County; NWS-2020-646.

Encl: Figures (12)



SHEET NO.	DESCRIPTION
1.	VICINITY MAP & SHEET INDEX
2.	EXISTING CONDITION PLAN VIEW
3.	STAGING & TESC PLAN
4.	PROPOSED CONDITION PLAN VIEW (ABOVE GROUND)
5.	PROPOSED CONDITION PLAN VIEW (BELOW GROUND)
6.	SECTION VIEW 1
7.	SECTION VIEW 2
8.	SECTION VIEW 3
9.	SECTION VIEW 4
10.	SECTION VIEW 5
11.	SECTION VIEW 6
12.	PLANTING PLAN

SCALE: NTS  
VICINITY MAP & SHEET INDEX  
nbc PROJECT #: 2004021

REFERENCE: NWS-2020-646  
APPLICANTS:  
City of Snoqualmie & King County

ADJACENT PROPERTY OWNERS:  
BASTEDO, RICHARD D + VICTORIA  
38811 SE RIVER STREET LLC  
SMITH, BRADLEY CHARLES + JENNI  
LEE, STUART F + MELANIE C  
AKIN, IVY J

LOCATION:  
SE River St & Park Ave SE,  
Snoqualmie, WA 98065

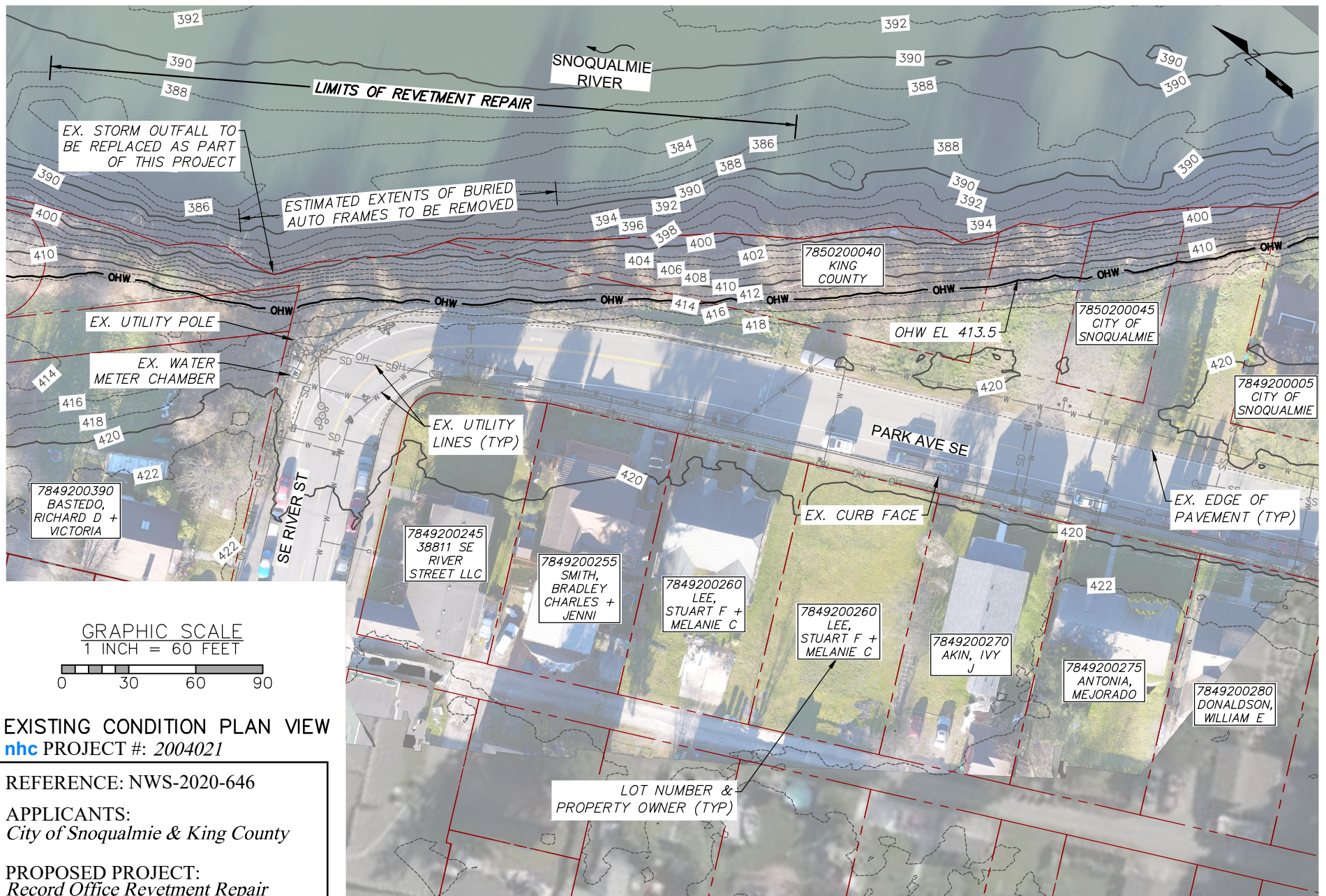
LAT/LONG:  
47.527 N, 121.822 W

SHEET: 1 of 12 DATE: 06/18/20

PROPOSED PROJECT:  
Record Office Revetment Repair

IN: Snoqualmie River  
NEAR/AT: Snoqualmie  
COUNTY: King  
STATE: Washington





**EXISTING CONDITION PLAN VIEW**  
**nbc** PROJECT #: 2004021

**REFERENCE:** NWS-2020-646

**APPLICANTS:**  
*City of Snoqualmie & King County*

**PROPOSED PROJECT:**  
*Record Office Revetment Repair*

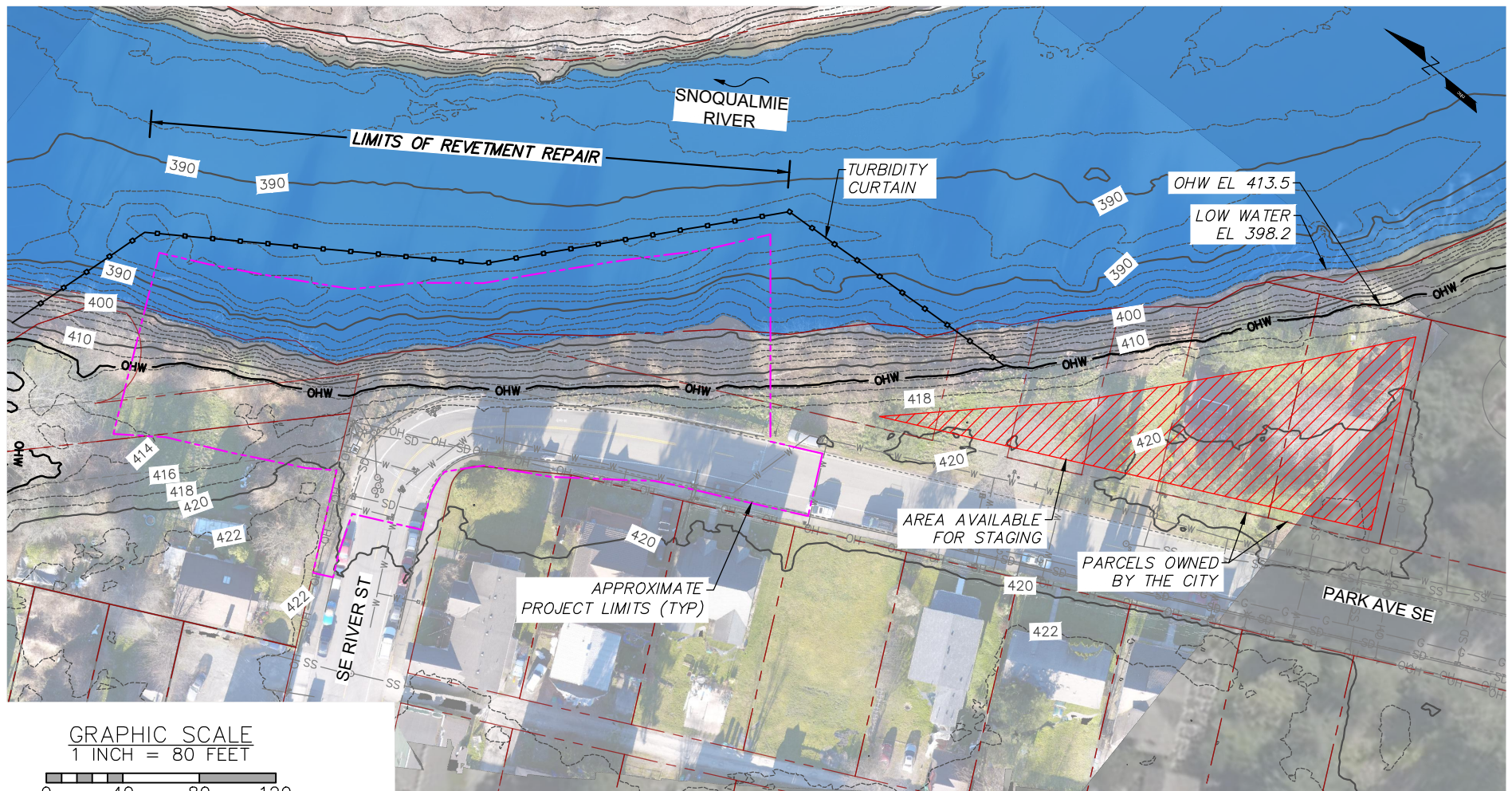
**LOCATION:**  
*Snoqualmie, WA 98065*

**SHEET:** 2 of 12      **DATE:** 06/18/20

**NOTE:**

1. AERIAL IMAGERY BASED ON PHOTO TAKEN MARCH 19, 2019 AND AUTODESK ONLINE MAP
2. EXISTING CONTOURS BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC





**STAGING & TESC PLAN**  
nbc PROJECT #: 2004021

REFERENCE: NWS-2020-646

APPLICANTS:  
*City of Snoqualmie & King County*

PROPOSED PROJECT:  
*Record Office Revetment Repair*

LOCATION:  
*Snoqualmie, WA 98065*

SHEET: 3 of 12 DATE: 06/18/20

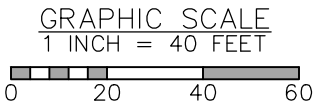
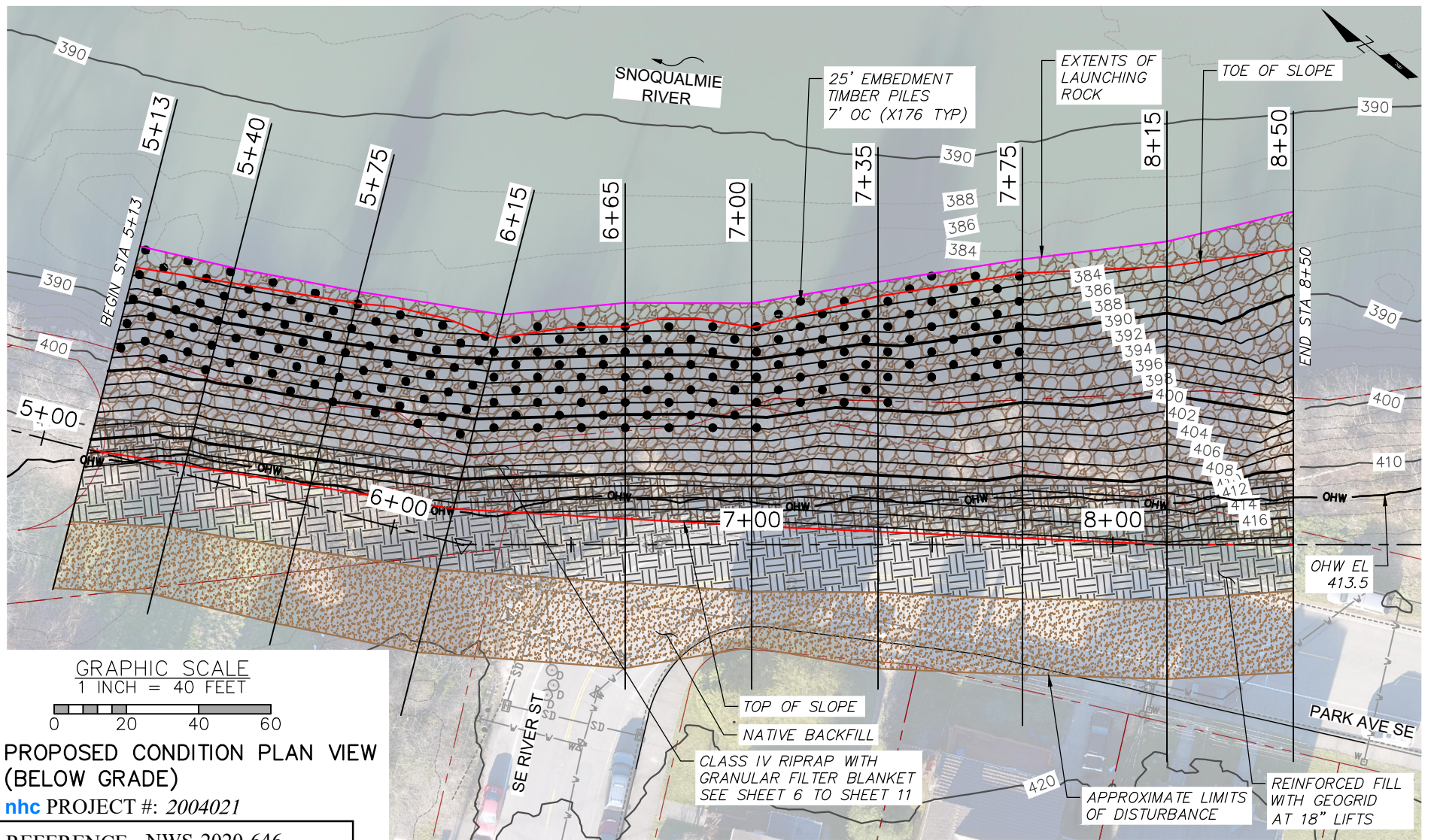
**NOTE:**

1. AERIAL IMAGERY BASED ON PHOTO TAKEN MARCH 19, 2019 AND AUTODESK ONLINE MAP
2. EXISTING CONTOURS BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC









# **PROPOSED CONDITION PLAN VIEW (BELOW GRADE)**

nhc PROJECT #: 2004021

REFERENCE: NWS-2020-646

APPLICANTS:  
City of Snoqualmie & King County

PROPOSED PROJECT:  
Record Office Revetment Repair

LOCATION:  
Snoqualmie, WA 98065

SHEET: 5 of 12 DATE: 06/18/20

GRADING BELOW ORDINARY HIGH WATER*	
TOTAL VOL. EXCAVATION	4829 CY
TOTAL VOL. FILL	6783 CY
VOL. FILL (NATIVE)	505 CY
VOL. FILL (RIPRAP)	2826 CY
VOL. FILL (IMPORTED)**	3452 CY
NET FILL	1954 CY

GRADING ABOVE ORDINARY HIGH WATER	
TOTAL VOL. EXCAVATION	1938 CY
TOTAL VOL. FILL	2004 CY
VOL. FILL (NATIVE)	1033 CY
VOL. FILL (RIPRAP)	164 CY
VOL. FILL (IMPORTED)**	807 CY
NET FILL	66 CY

GRADING WITHIN WETLAND	
TOTAL VOL. EXCAVATION	0 CY
TOTAL VOL. FILL	0 CY
NET EXVACATION	0 CY

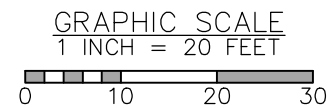
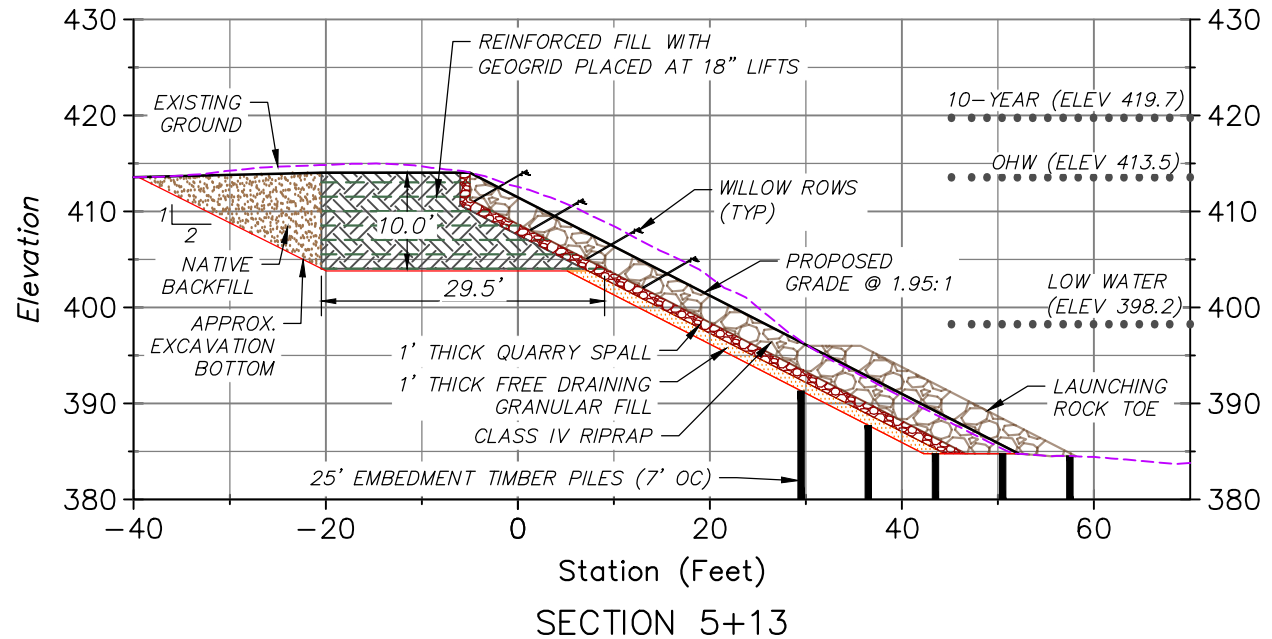
\* VOLUME DOES NOT INCLUDE ADDITIONAL EXCAVATION AND ASSOCIATED BACKFILL FOR REMOVAL OF BURIED AUTO FRAMES  
\*\* IMPORTED FILL INCLUDES ENGINEERED FILL AND GRANULAR FILTER BLANKET

## **NOTE:**

- EXISTING CONTOURS BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC
- AERIAL IMAGERY TAKEN MARCH 19, 2019

**NOTE:**

1. EXISTING GROUND BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC



**SECTION VIEW 1**

**nhc** PROJECT #: 2004021

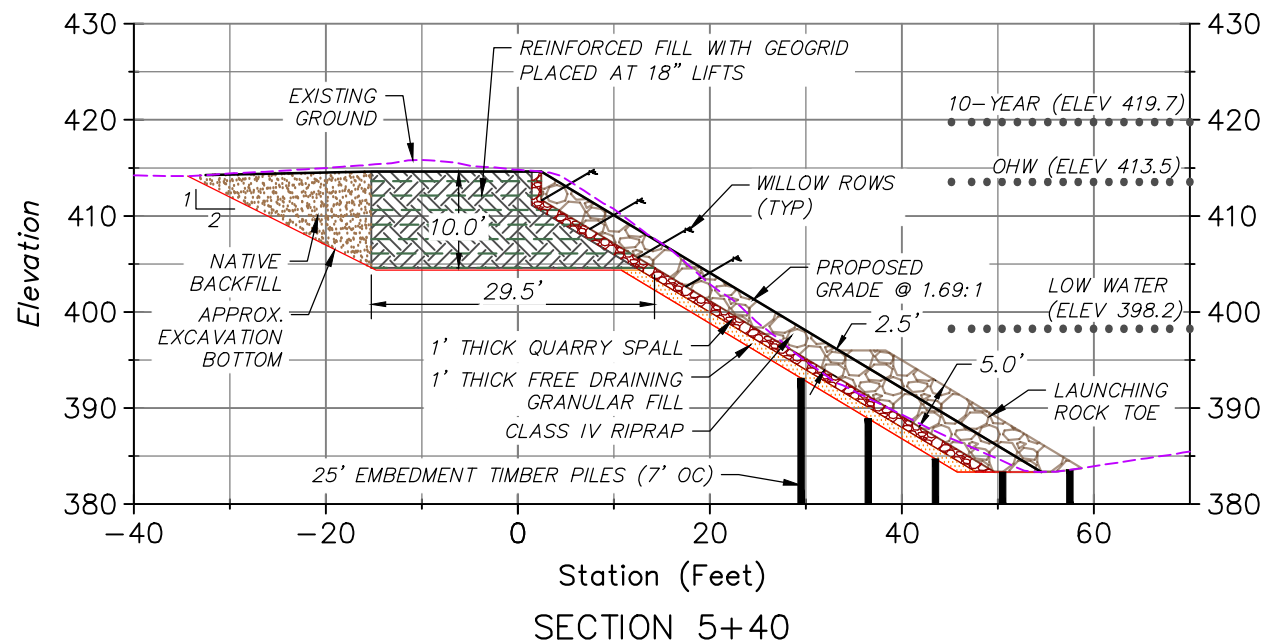
REFERENCE: NWS-2020-646

APPLICANTS:  
City of Snoqualmie & King County

PROPOSED PROJECT:  
Record Office Revetment Repair

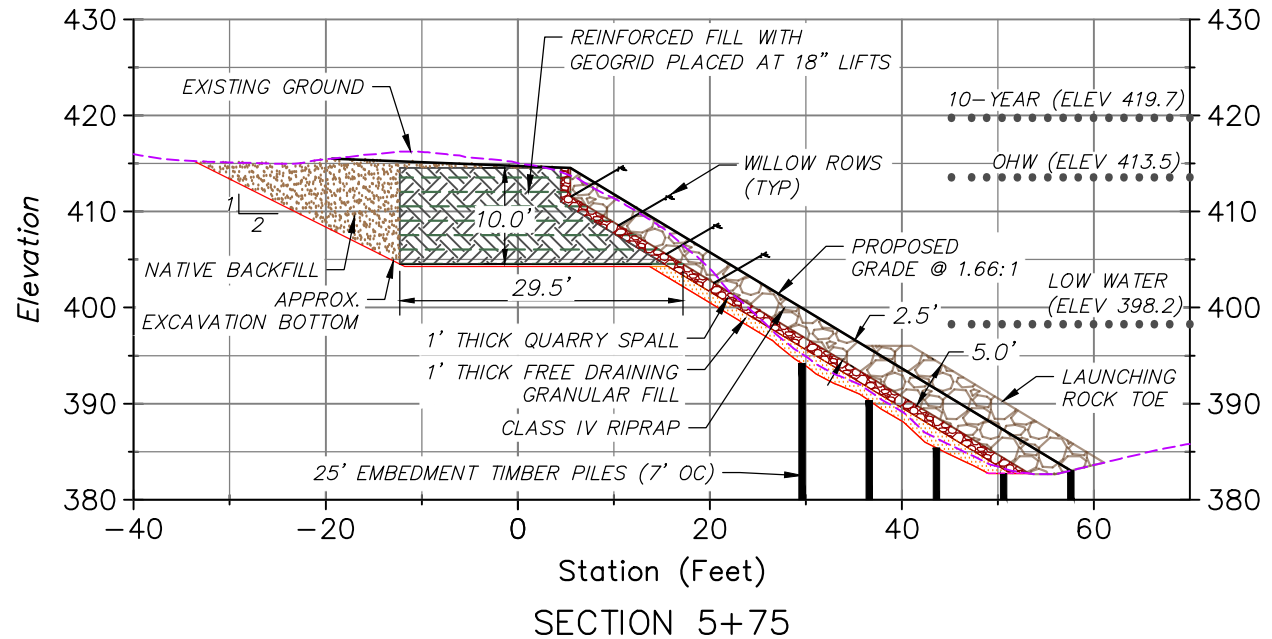
LOCATION:  
Snoqualmie, WA 98065

SHEET: 6 of 12 DATE: 06/18/20

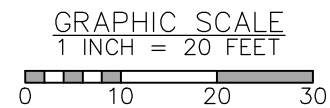


**NOTE:**

1. EXISTING GROUND BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC



BURIED AUTO FRAMES VISIBLE FROM SECTION 5+75 TO SECTION 7+75. CONTRACTOR TO REMOVE AS ENCOUNTERED DURING EXCAVATION



SECTION VIEW 2  
nhc PROJECT #: 2004021

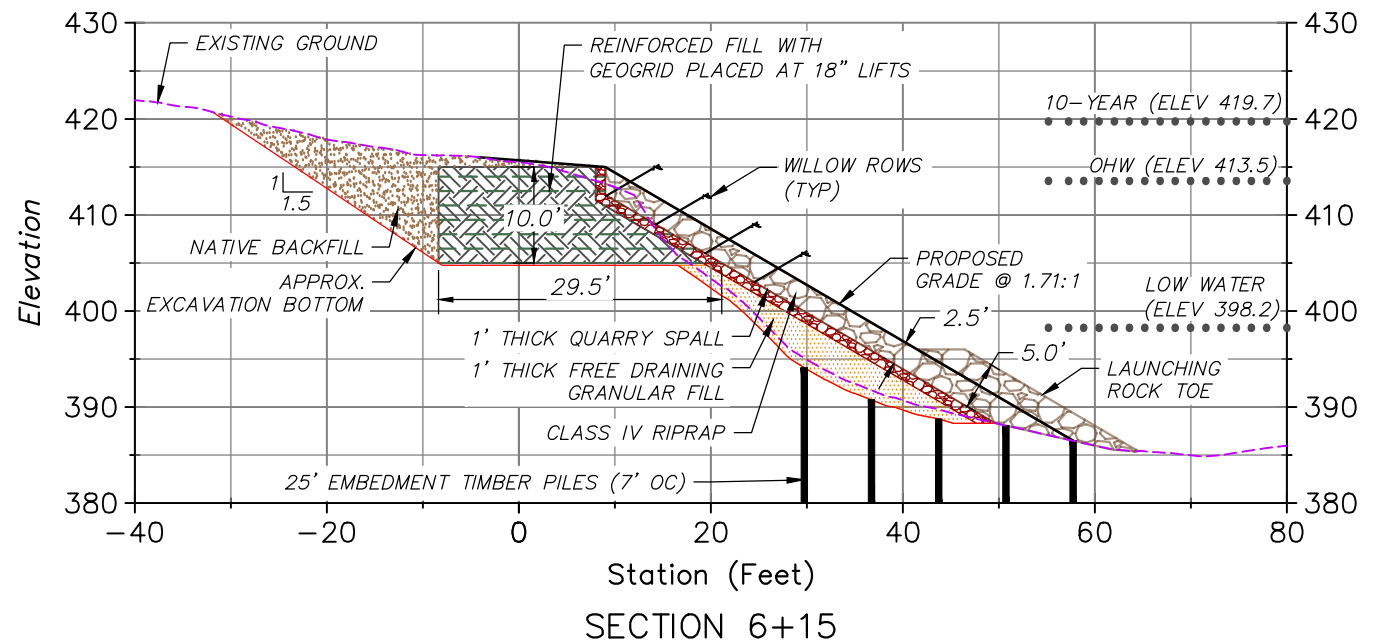
REFERENCE: NWS-2020-646

APPLICANTS:  
City of Snoqualmie & King County

PROPOSED PROJECT:  
Record Office Revetment Repair

LOCATION:  
Snoqualmie, WA 98065

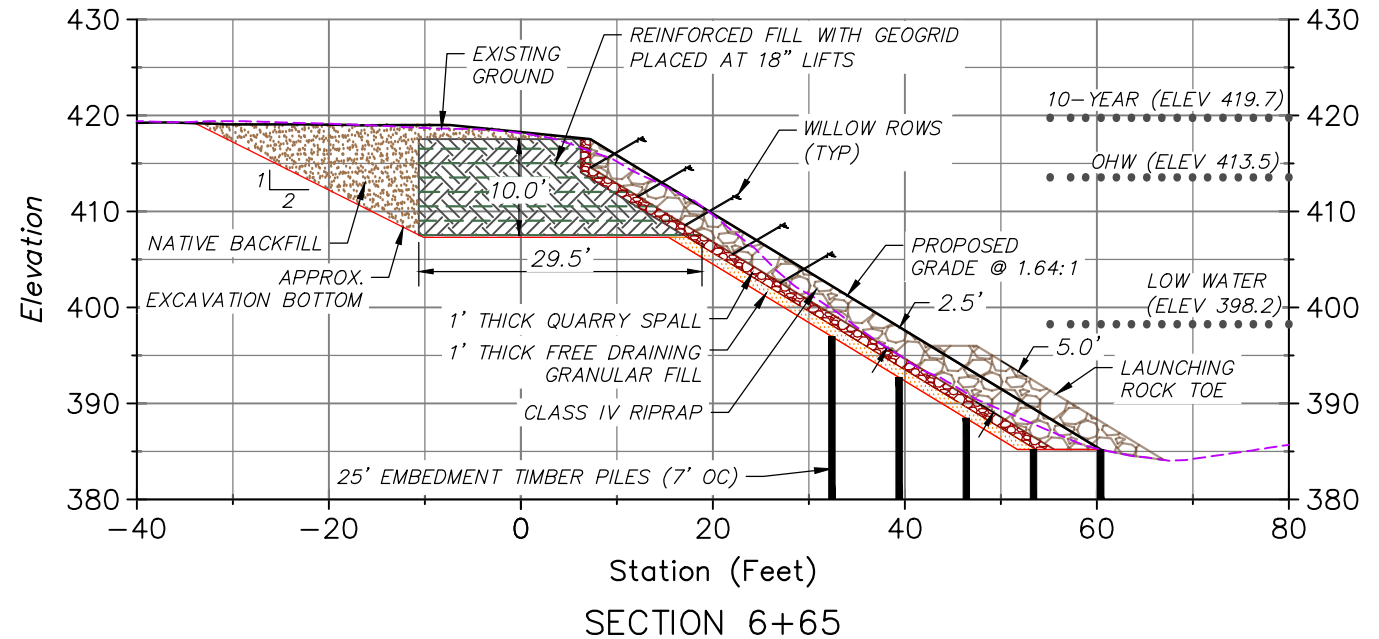
SHEET: 7 of 12 DATE: 06/18/20





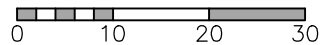
**NOTE:**

1. EXISTING GROUND BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC



BURIED AUTO FRAMES VISIBLE FROM SECTION 5+75 TO SECTION 7+75. CONTRACTOR TO REMOVE AS ENCOUNTERED DURING EXCAVATION

GRAPHIC SCALE  
1 INCH = 20 FEET



**SECTION VIEW 3**

**nhc** PROJECT #: 2004021

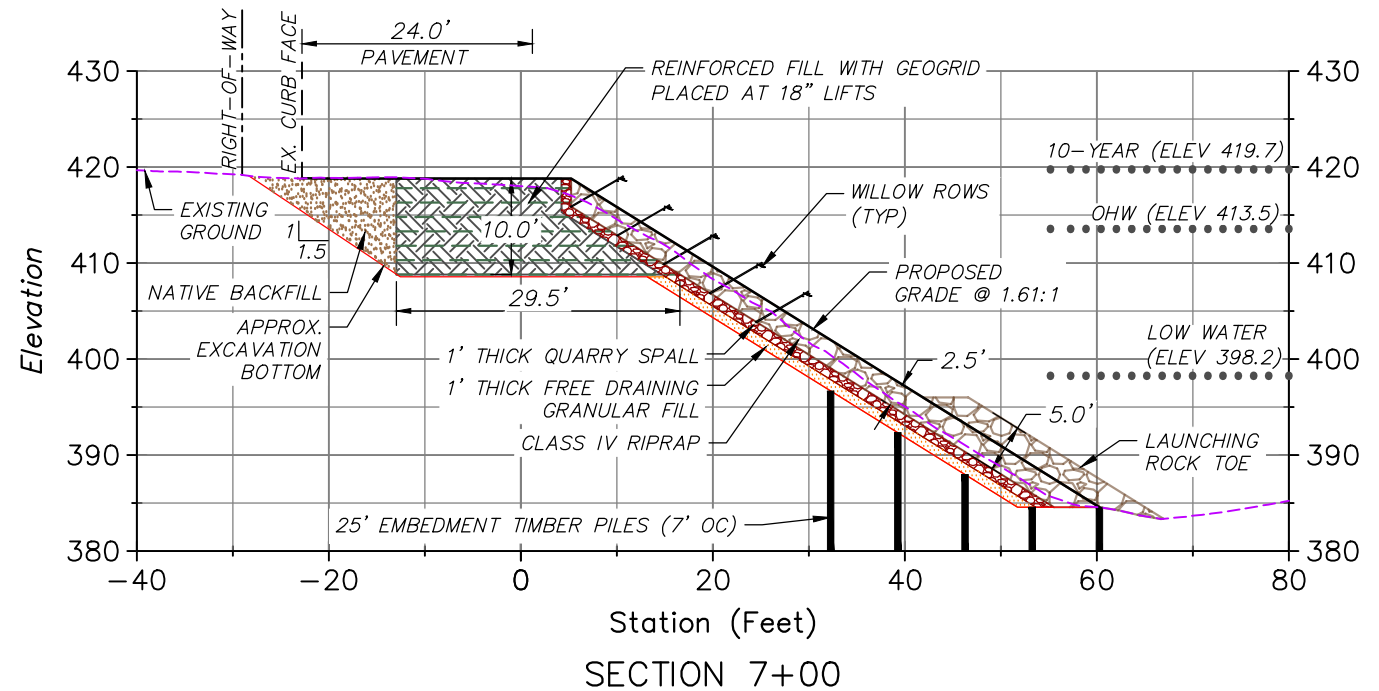
REFERENCE: NWS-2020-646

APPLICANTS:  
City of Snoqualmie & King County

PROPOSED PROJECT:  
Record Office Revetment Repair

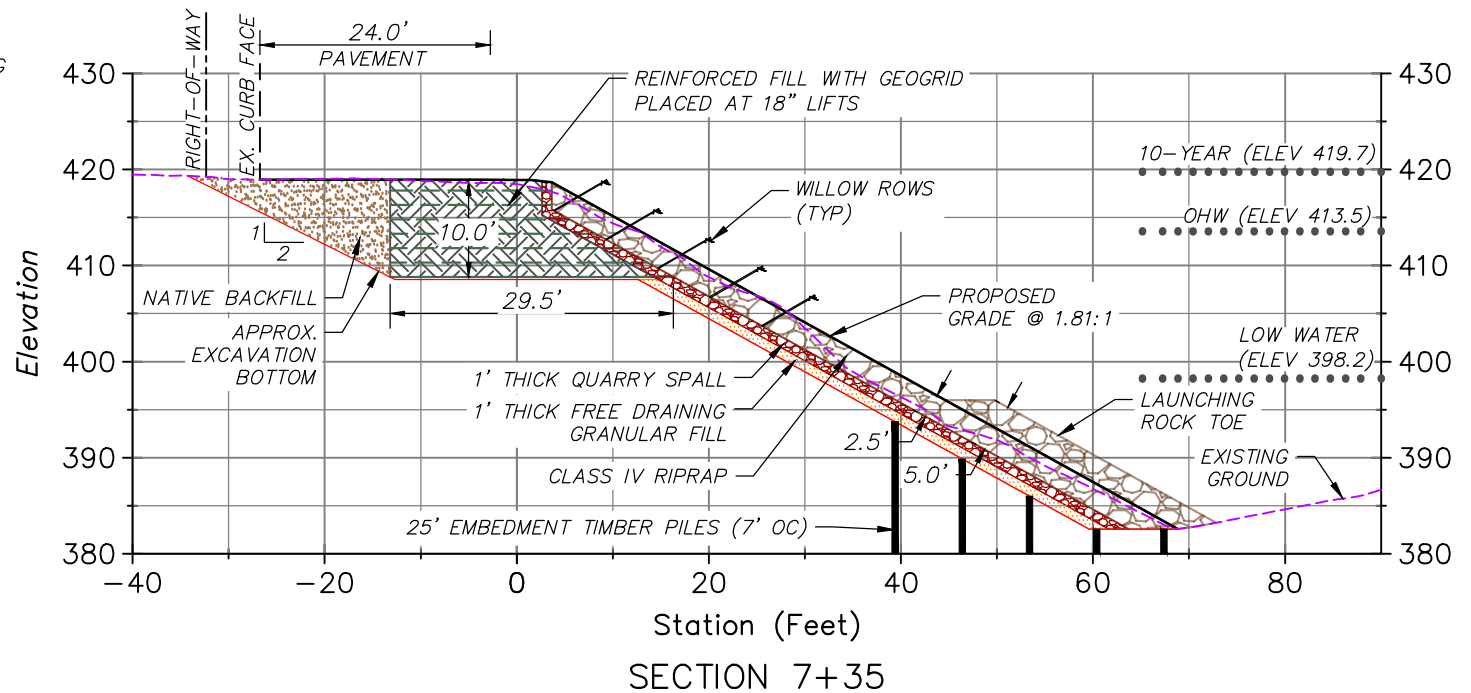
LOCATION:  
Snoqualmie, WA 98065

SHEET: 8 of 12 DATE: 06/18/20



**NOTE:**

1. EXISTING GROUND BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC



BURIED AUTO FRAMES VISIBLE FROM SECTION 5+75 TO SECTION 7+75. CONTRACTOR TO REMOVE AS ENCOUNTERED DURING EXCAVATION

GRAPHIC SCALE

1 INCH = 20 FEET



**SECTION VIEW 4**

**nhc** PROJECT #: 2004021

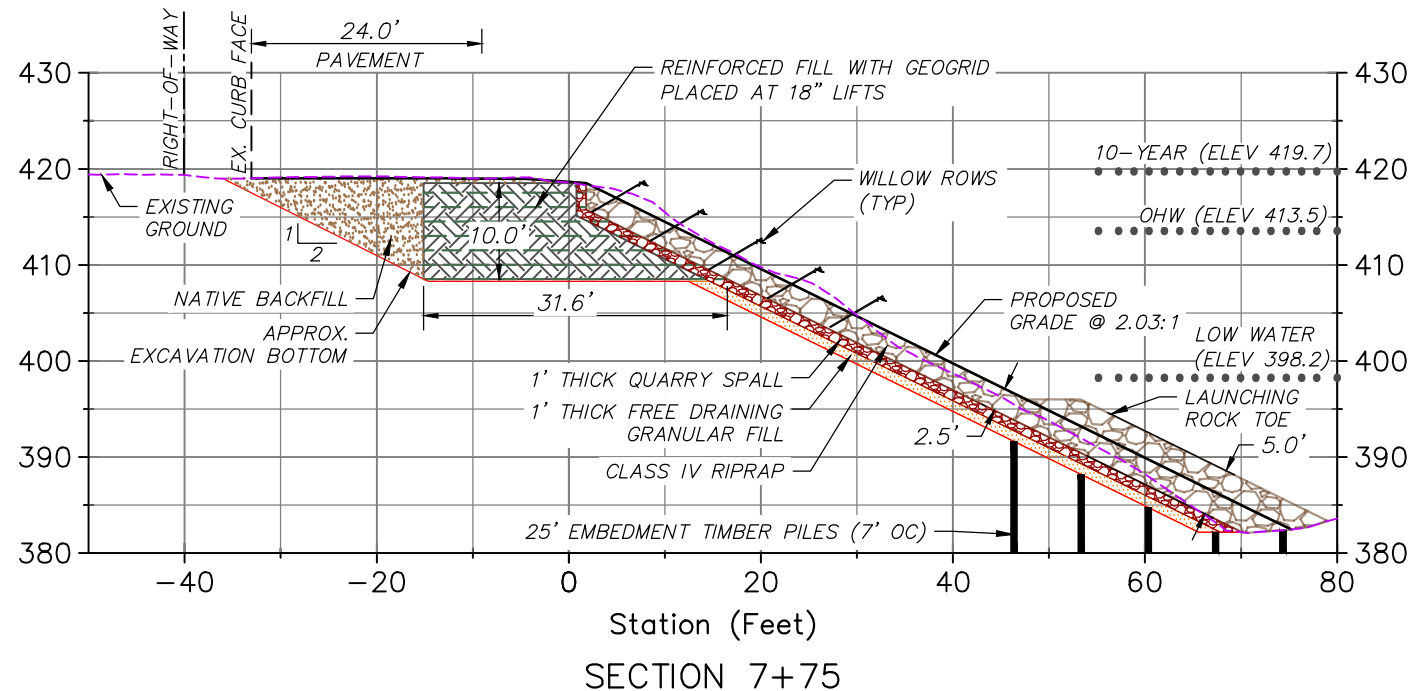
REFERENCE: NWS-2020-646

APPLICANTS:  
City of Snoqualmie & King County

PROPOSED PROJECT:  
Record Office Revetment Repair

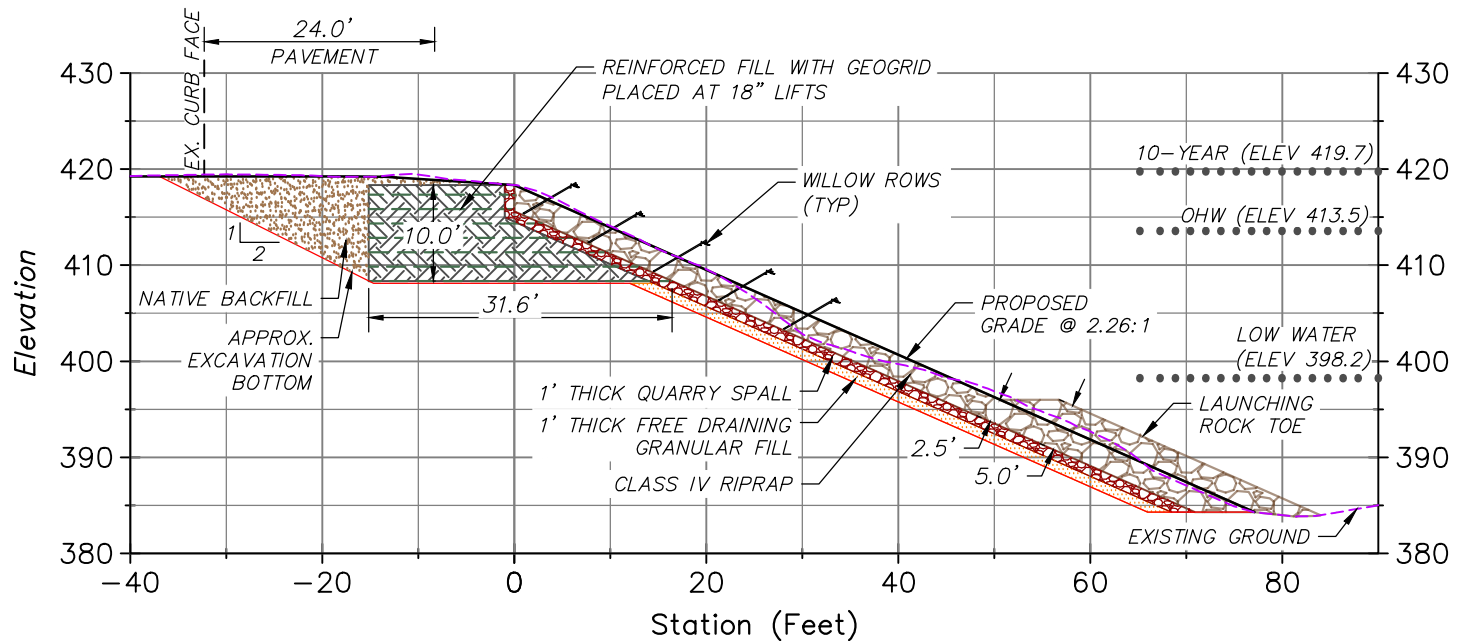
LOCATION:  
Snoqualmie, WA 98065

SHEET: 9 of 12 DATE: 06/18/20



**NOTE:**

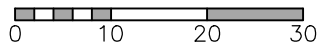
1. EXISTING GROUND BASED ON LIDAR COLLECTED MARCH 21, 2019 BY KING COUNTY AND A RIVERBED SURVEY DATED MARCH 29, 2019 BY NHC



SECTION 8+15

**GRAPHIC SCALE**

1 INCH = 20 FEET



**SECTION VIEW 5**

**nhc** PROJECT #: 2004021

REFERENCE: NWS-2020-646

**APPLICANTS:**

*City of Snoqualmie & King County*

**PROPOSED PROJECT:**

*Record Office Revetment Repair*

**LOCATION:**

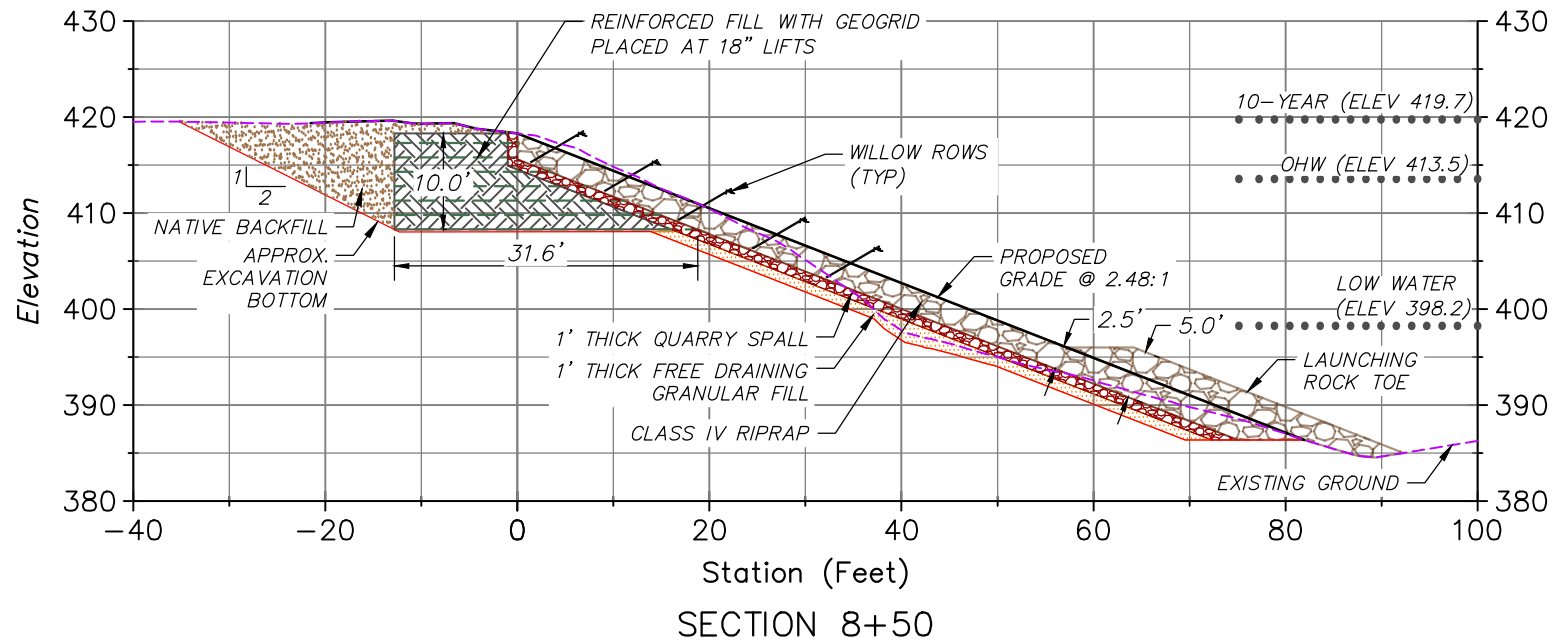
*Snoqualmie, WA 98065*

SHEET: 10 of 12      DATE: 06/18/20



NOTE:

1. EXISTING GROUND BASED ON LIDAR  
COLLECTED MARCH 21, 2019 BY KING  
COUNTY AND A RIVERBED SURVEY  
DATED MARCH 29, 2019 BY NHC



SECTION VIEW 6

**nhc** PROJECT #: 2004021

REFERENCE: NWS-2020-646

APPLICANTS:

*City of Snoqualmie & King County*

PROPOSED PROJECT:

*Record Office Revetment Repair*

LOCATION:

*Snoqualmie, WA 98065*

SHEET: 11 of 12      DATE: 06/18/20

