



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) 764-3262
ATTN: Colleen Anderson,
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: March 13, 2020
Expiration Date: April 12, 2020

Reference No.: NWS-2019-434
Name: Kenmore, City of
(Squire's Landing Park)

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 U.S. as described below and shown on the enclosed drawings dated April 12, 2019.

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act. Ecology will 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 Kenmore
Attention: Maureen Colaizzi
Parks Project Manager
18120 68th Avenue Northeast
P.O. Box 82607
Kenmore, Washington 98028
Telephone: (425) 398-8900

LOCATION: In the Sammamish River, Swamp Creek, and adjacent wetlands at Kenmore, Washington.

WORK: The applicant proposes to expand the existing water access at Squire's Landing Park which includes, permanently filling 9,120 square feet (sf) of wetlands, temporarily clearing and grading of 10,520 sf of wetlands for up to 6 months, 16,080 square feet of permanent wetland buffer impacts, 9,690 sf temporary wetland buffer impacts for up to 6 months, 2,750 sf of permanent overwater impacts, and 4,760 sf of in-water habitat impacts. Activities include dredging a man-made lagoon, improving boat access, creating habitat benches, installing two float and ramp systems, driving 10 piles, removing a float, maintaining 120 linear feet of an existing bulkhead, and maintaining walkways and viewing decks.

PURPOSE: To improve public shoreline and shoreline access.

ADDITIONAL INFORMATION: Specific actions are:

NWS-2019-434, Kenmore, City of (Squire's Landing Park)

Floats and Gangways: Construct a 744 square feet float with a 720 square feet gangway, and a 504 square feet float and a 436 square feet gangway in the man-made lagoon. Floats would be supported by a total of ten 8-inch-diameter steel piles with 60% grated decking (30%-40% open space) placed by vibratory method with sound attenuation devices to minimize sounds effects. Remove an existing temporary float (168 square feet) in the lagoon. Existing float in Swamp Creek to remain.

Man-Made Lagoon: Dredging 840 cubic yards (710 square feet) from entrance of the man-made lagoon. Place a total of 140 cubic yards of fill material to stabilize slope sides of lagoon. The propose sides slopes on the entrance would have a 2:1 ratio and would be stabilized with cobbles below the plane of Ordinary High Water (OHW). Combined impacts of 2,060 square feet of permanent in-water impacts, 1,770 square feet of permanent wetland impacts, and 880 square feet of permanent wetland buffer impacts from excavation and grading new entrance for lagoon.

Bank Stabilization: Remove 120 linear feet of a failing stone bulkhead, grade slope along the western shoreline of lagoon, and place 90 cubic yards (1,270 square feet) cobbles below the plane of the OHW to stabilize new slope.

Hand Carry Boat Access: Excavation 420 square feet below the OHW with the combined impacts of 110 square feet of temporary wetland impacts, 790 square feet of temporary wetland buffer impacts, 780 square feet of permanent wetland impacts, and 1,390 square feet of permanent wetland buffer impacts. Place 60 cubic yards (1,420 square feet) of washed gravel fill material below the plane of OHW, 30 cubic yards within the wetland, and 130 cubic yards within the wetland buffer.

Elevated Boardwalk with Viewing Decks: Boardwalks and viewing decks would be placed with steel piles or helical anchors placed by vibratory or impact hammer from land-based excavator. Walkways would pre-constructed of pre-fabricated aluminum, steel frame or a combination, with 60% open area ADA grating. Clearing and grabbing for construction of boardwalks and decks would cause 3,280 square feet of temporary wetland impacts.

Shoreline Restoration: Work would include the clearing and grading over-steepened slopes for the removal of invasive species, and replanting with native plants and shrubs with the 3,660 square feet of temporary wetland impacts, and 1,040 of temporary wetland buffer impacts.

Habitat Benches: Excavation below the OHW along the shoreline for the creation of habitat benches with combine impacts of 2,160 square feet temporary wetland impacts.

Asphalt Path: Construction would consists of excavating the existing upland, wetlands, and wetland buffers areas. Path excavation activities would cause 170 square feet of permanent wetland impacts, 630 square feet of temporary wetland buffer impacts and 3,540 square feet of permanent wetland buffer impacts.

Project Impacts not in waters of the U.S.:

Pedestrian Bridges: Construct a 55-foot by 6-foot (330 square feet) bridge over lagoon entrance and a 60-foot by 8-foot (480 square feet) bridge over Swamp Creek. All footings would be landward of the OHW.

Parking Lot: Construction would be excavated from existing upland areas and graded to prepare the subgrade of the parking lot. No fill material is proposed to be placed in wetlands or buffers.

Restroom and Wash-Down Station: Construction of restroom and wash-down station would be connected to the existing sewer line running through the project site. During construction 500 square feet of temporary wetland buffer impacts and 50 square feet of permanent wetland buffer impacts would occur from activities.

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Waterfront and Upland Plaza: Construction would be at-grade with excavation causing 3,630 square feet of temporary wetland buffer impacts and 3,620 square feet of permanent wetland buffer impacts.

Gravel Paths: Construction would consist of excavating the existing upland areas and in the buffers of on site wetlands. Path excavation activities would cause 2,760 square feet of temporary wetland buffer impacts and 3,830 square feet of permanent wetland buffer impacts.

Picnic Pavilion and Plaza: Construction of pavilion would include the removal of an existing mobile home within the park. Excavation and grading would occur within the wetland buffer with combined impacts of 340 square feet of temporary wetland buffer impacts and 1,430 of permanent wetland buffer impacts.

The wetland boundaries and/or location of the ordinary high water mark shown on the project drawings have not yet been verified by the Corps. If the Corps determines the boundaries of the wetland/waters are substantially inaccurate a new public notice may be published.

MITIGATION: Wetland impacts of 9,120 square feet and 16,080 square feet wetland buffer impacts would be offset with on-site permittee-responsible mitigation.

Impact Habitat	Area of Impact (SF)	Mitigation Type	Mitigation Ratio	Mitigation Area (SF)	Habitat Values and Functions
Wetlands	9,120	Wetland Creation	1:1	9,120	-High-quality, proper function wildlife habitat. -Improvements to water quality and hydrology. -High-quality, proper functioning water quality function.
		Wetland Enhancement	6:1	54,820	
Buffer	16,080	Buffer Enhancement	1:1	16,630	-High-quality, proper function wildlife habitat. -Support the wetland enhancement functions. -provides increased water quality by filtration of surface flows to wetlands and streams.
Total	25,200			80,570	

SF= square feet

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 Corps will evaluate the potential impacts to proposed and/or listed species and their designated critical habitat.

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or

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proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area.

If the Corps determines that the proposed action may adversely affect EFH for federally managed fisheries in Washington waters, the Corps will initiate EFH consultation with the NMFS. The Corps' final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

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. The permit area has the potential to contain historic properties eligible for inclusion in the National Register. An investigation for the presence of eligible historic properties is justified.

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 will 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 will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will 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 will 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 will 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 will 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 applicant has not yet identified the source of the fill material. Should a permit be issued, the Corps will evaluate the fill material source prior to the start of construction.

EVALUATION – ECOLOGY: Ecology is soliciting comments from the public; Federal, Native American Nations

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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 will be considering all comments to determine whether to certify or deny certification for the proposed project.

This proposal is the subject of Shorelines Substantial Development Permit, a permit number has not been issued.

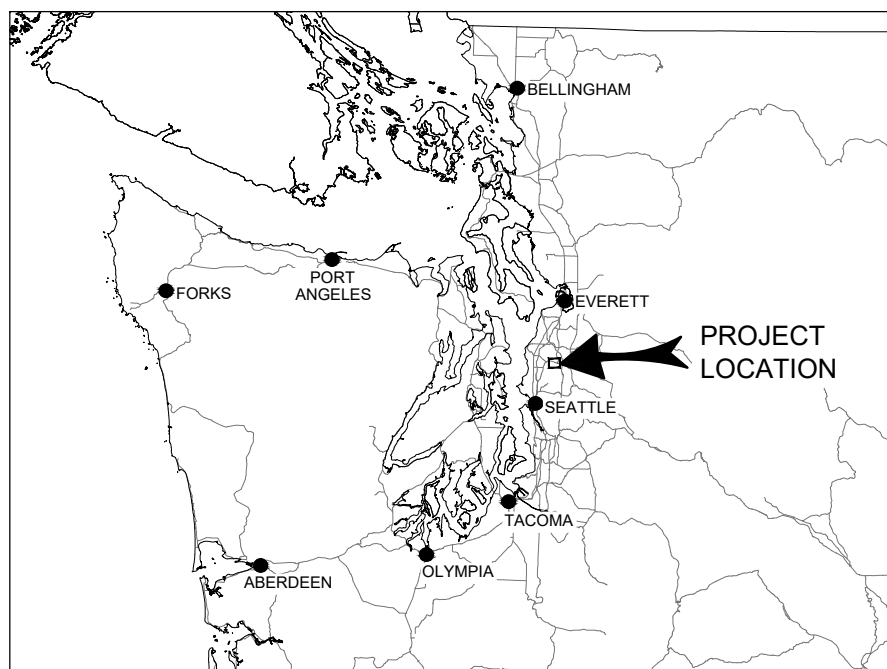
COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether authorizing the work would not be contrary to the public interest. In order to be accepted, e-mail comments must originate from 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.

CORPS COMMENTS: All e-mail comments should be sent to colleen.c.anderson@usace.army.mil or at (206) 764-3262. Conventional mail comments should be sent to: U.S. Army Corps of Engineers, Regulatory Branch, Attention: Colleen Anderson P.O. Box 3755, Seattle, Washington 98124-3755. All comments received will 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: Washington State Department of Ecology, Attention: Federal Permit Coordinator, Post Office Box 47600, Olympia, Washington 98504-7600, or e-mail to 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: NWS-2019-434 Kenmore, City of (Squire's Landing Park)

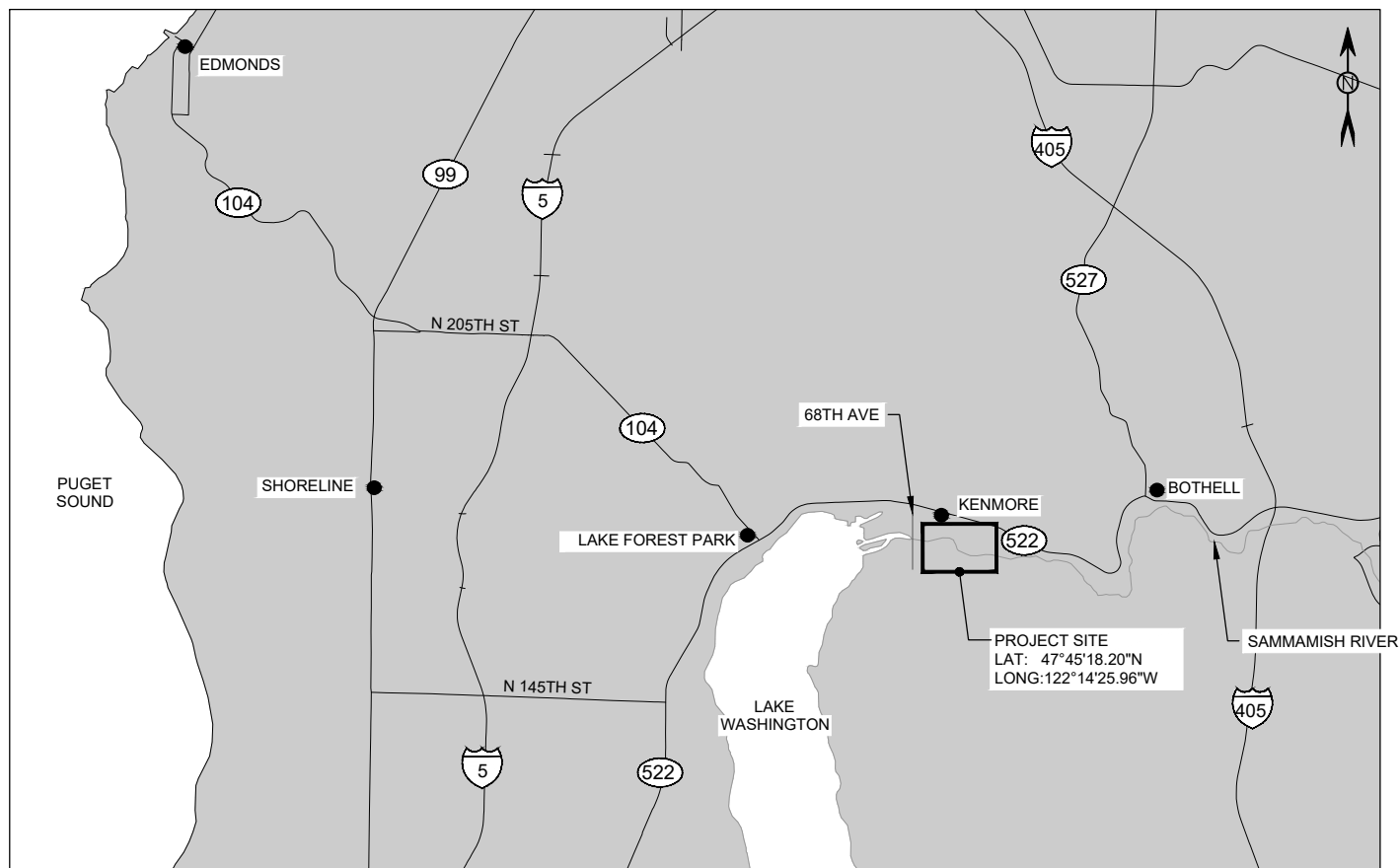
Enclosure: Figures (24)



NW WASHINGTON KEY MAP

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24. MITIGATION/PLANTING SITE SECTIONS



LOCATION MAP

N.T.S.

PURPOSE: WATERFRONT PARK IMPROVEMENTS**VERTICAL DATUM:** NAVD88**ADJACENT PROPERTY OWNERS:**

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK WATERFRONT ACCESS IMPROVEMENTS

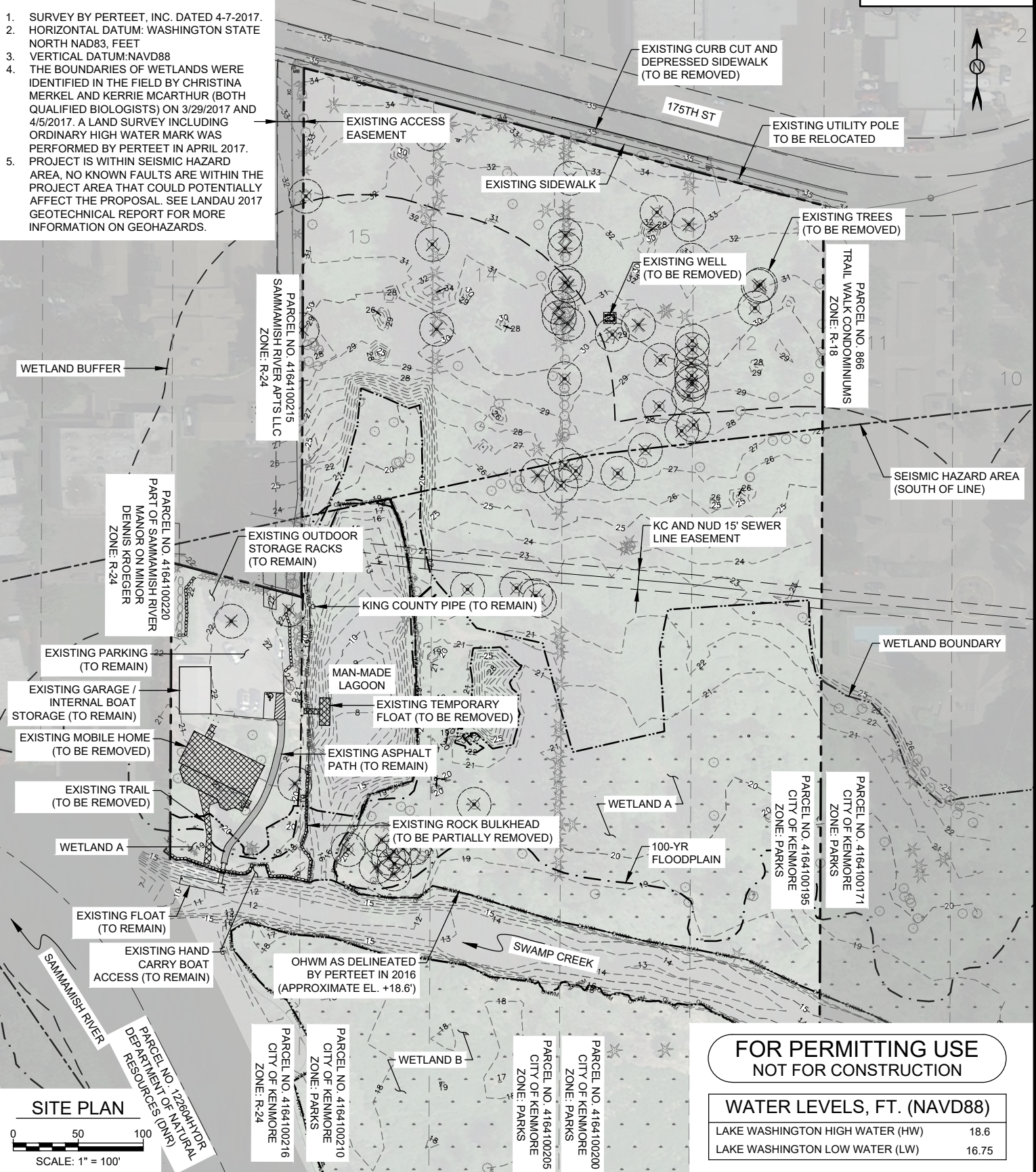
COVER SHEET

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT**IN:** SAMMAMISH RIVER**AT:** CITY OF KENMORE NWS-2020-434**COUNTY:** KING**SHEET** 1 **OF** 24**DATE:** 4/12/19

NOTES

1. SURVEY BY PERTEET, INC. DATED 4-7-2017.
2. HORIZONTAL DATUM: WASHINGTON STATE NORTH NAD83, FEET
3. VERTICAL DATUM: NAVD88
4. THE BOUNDARIES OF WETLANDS WERE IDENTIFIED IN THE FIELD BY CHRISTINA MERKEL AND KERRIE MCARTHUR (BOTH QUALIFIED BIOLOGISTS) ON 3/29/2017 AND 4/5/2017. A LAND SURVEY INCLUDING ORDINARY HIGH WATER MARK WAS PERFORMED BY PERTEET IN APRIL 2017.
5. PROJECT IS WITHIN SEISMIC HAZARD AREA, NO KNOWN FAULTS ARE WITHIN THE PROJECT AREA THAT COULD POTENTIALLY AFFECT THE PROPOSAL. SEE LANDAU 2017 GEOTECHNICAL REPORT FOR MORE INFORMATION ON GEOHAZARDS.

S12 T26N R04E



**FOR PERMITTING USE
NOT FOR CONSTRUCTION**

WATER LEVELS, FT. (NAVD88)

LAKE WASHINGTON HIGH WATER (HW)	18.6
LAKE WASHINGTON LOW WATER (LW)	16.75

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK WATERFRONT ACCESS IMPROVEMENTS

EXISTING SITE PLAN

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

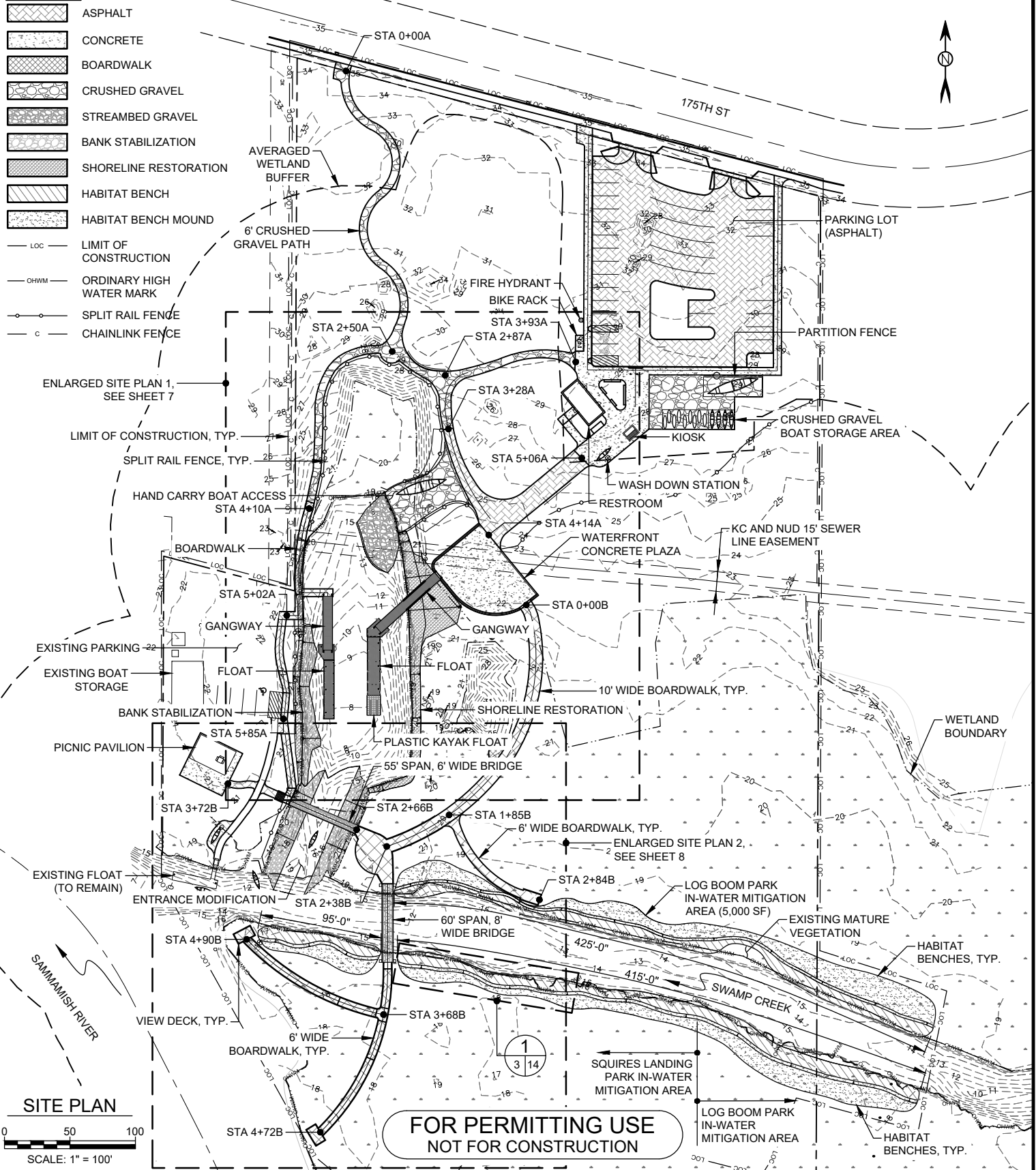
COUNTY: KING

NWS-2020-434

SHEET 2 **OF** 24

DATE: 4/12/19

 ASPHALT
 CONCRETE
 BOARDWALK
 CRUSHED GRAVEL
 STREAMBED GRAVEL
 BANK STABILIZATION
 SHORELINE RESTORATION
 HABITAT BENCH
 HABITAT BENCH MOUND
 LIMIT OF CONSTRUCTION
 ORDINARY HIGH WATER MARK
 SPLIT RAIL FENCE
 CHAINLINK FENCE



FOR PERMITTING USE
NOT FOR CONSTRUCTION

CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS

PROPOSED SITE PLAN

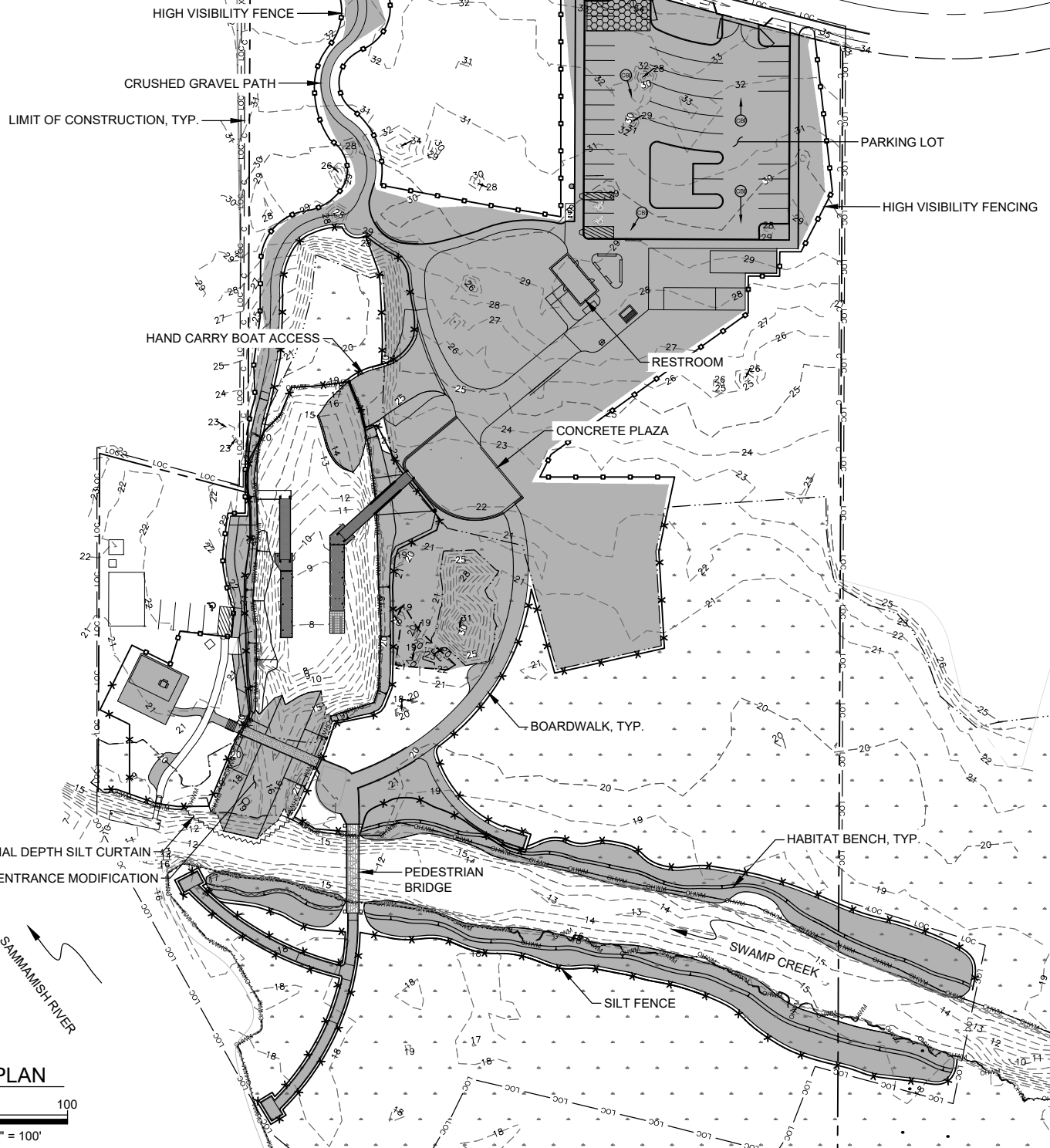
DATE: 4/12/19

APPLICATION BY: CITY OF KENMORE

NOTE: CONTRACTOR SHALL
USE HIGH-VISIBILITY FENCING
TO CLEARLY MARK ADJACENT
HABITAT TO BE AVOIDED IN
THE CONSTRUCTION AREA.

LEGEND

-  EARTHWORK ACTIVITIES
-  CONSTRUCTION ENTRANCE
-  SILT FENCE
-  HIGH VISIBILITY FENCE
-  PARTIAL DEPTH SILT CURTAIN
-  LIMIT OF CONSTRUCTION

**SITE PLAN**

0 50 100
SCALE: 1" = 100'

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

**CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS**

TESC PLAN

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

NWS-2020-434

COUNTY: KING

SHEET 4 **OF** 24

DATE: 4/12/19



50 25 0 50 100
SCALE IN FEET

AVERAGED
WETLAND BUFFER

DOWNSPOUT EXTENSION
PLACED AT-GRADE

50' VEGETATED FLOWPATH
UNDER BASIC DISPERSION

CONTRACTOR TO LOCATE EXISTING
CLEANOUT IN THIS VICINITY AND
BRING RISER TO FINISH GRADE.
FG 123.00±
TOP OF CLEAN OUT 122.00±

PROPOSED SD CROSSING OVER KING
COUNTY SEWER EASEMENT PENDING
COORDINATION WITH KING COUNTY

EXISTING GARAGE
(BOAT STORAGE)

PICNIC SHELTER

UTILIZE SHEET FLOW FOR
BASIC DISPERSION WITH
10' FLOW PATH INTO
EXISTING LANDSCAPING

POINT OF DISCHARGE TO
SAMMAMISH RIVER/SWAMP CREEK
CONFLUENCE (FLOW CONTROL—
EXEMPT BODY OF WATER)
6" IE 18.34

UTILIZE SHEET FLOW FOR BASIC
DISPERSION WITH 10' FLOW PATH
INTO EXISTING LANDSCAPING

SSS CONNECTION TO NUD SEWER MAIN
EX 8" SS IE 7.59

50' DISPERSION TRENCH
WITH NOTCHED BOARD AND
25' VEGETATED FLOW PATH

CATCH BASIN
RIM 22.91
6" IE (NW) 21.91

12" AREA DRAIN
RIM 24.00
6" IE (SE) 22.50

LEGEND:

	CONCRETE PAVEMENT
	LANDSCAPING
	ASPHALT
	BUILDING ROOF
	PERVIOUS SURFACES
	CRUSHED GRAVEL
	VEGETATED FLOWPATH
	WETLANDS

FOR PERMITTING USE
NOT FOR CONSTRUCTION

WATER LEVELS, FT. (NAVD88)

ORDINARY HIGH WATER (OHW)	18.6
LAKE WASHINGTON LOW WATER (LWD)	16.75

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

CIVIL SITE PLAN

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE NWS-2020-434

COUNTY: KING

SHEET 5 **OF** 24 **DATE:** 4/12/2019

NEW WATER MAIN
EXTENSION TO CONNECT TO
EX WATER MAIN VIA NEW TEE

NE 175TH ST

REMOVE EXISTING CURB CUT
AND DEPRESSED SIDEWALK;
REPLACE WITH NEW SIDEWALK
PANELS AND CEMENT CONC
VERTICAL CONC CURB & GUTTER

ASPHALT PAVEMENT REPLACEMENT
PER SECTION 11.03.E.d OF THE CITY
OF KENMORE 2016 ROAD
STANDARDS. PROVIDE FULL-DEPTH
REPLACEMENT FOR PAVEMENT
DISTURBED BY TRENCHING
ACTIVITIES; GRIND AND OVERLAY
PAVEMENT AREAS UNDISTURBED
BY TRENCHING ACTIVITIES.

WETLAND BUFFER

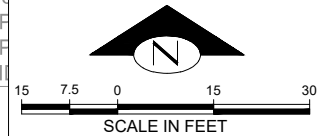
15' DISTRICT WATER EASEMENT

195 LF 8" DIP
WATER MAIN
EXTENSION

CONTRACTOR TO RE-PAINT
DOUBLE YELLOW STRIPING IN
KIND FOLLOWING COMPLETION
OF PAVEMENT RESTORATION.

CB 2587
RIM=34.3
IE 12" CP
IE 12" CP
SLY EN

S12 T26N R04E



REMOVE EXISTING CURB CUT AND
DEPRESSED SIDEWALK; REPLACE WITH
NEW SIDEWALK PANELS AND CEMENT
CONC VERTICAL CONC CURB & GUTTER

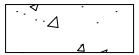
PROTECT EX INLET DURING
CONSTRUCTION. IF
DAMAGED, REPLACE IN KIND.

NEW DRIVEWAY
ENTRANCE

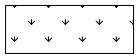
NEW DRIVEWAY
ENTRANCE

EXISTING UTILITY POLE
TO BE RELOCATED OUT
OF CONFLICT WITH NEW
DRIVEWAY BY FRONTIER
COMMUNICATIONS PER
LOI DATED 10/9/2018.

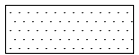
LEGEND:



CONCRETE PAVEMENT



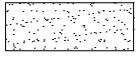
LANDSCAPING



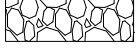
ASPHALT



BUILDING ROOF



PERVIOUS SURFACES



CRUSHED GRAVEL



VEGETATED FLOWPATH

FOR PERMITTING USE
NOT FOR CONSTRUCTION

WATER LEVELS, FT. (NAVD88)

ORDINARY HIGH WATER (OHW) 18.6
LAKE WASHINGTON LOW WATER (LWD) 16.75

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

CIVIL SITE PLAN - PARKING LOT

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

COUNTY: KING

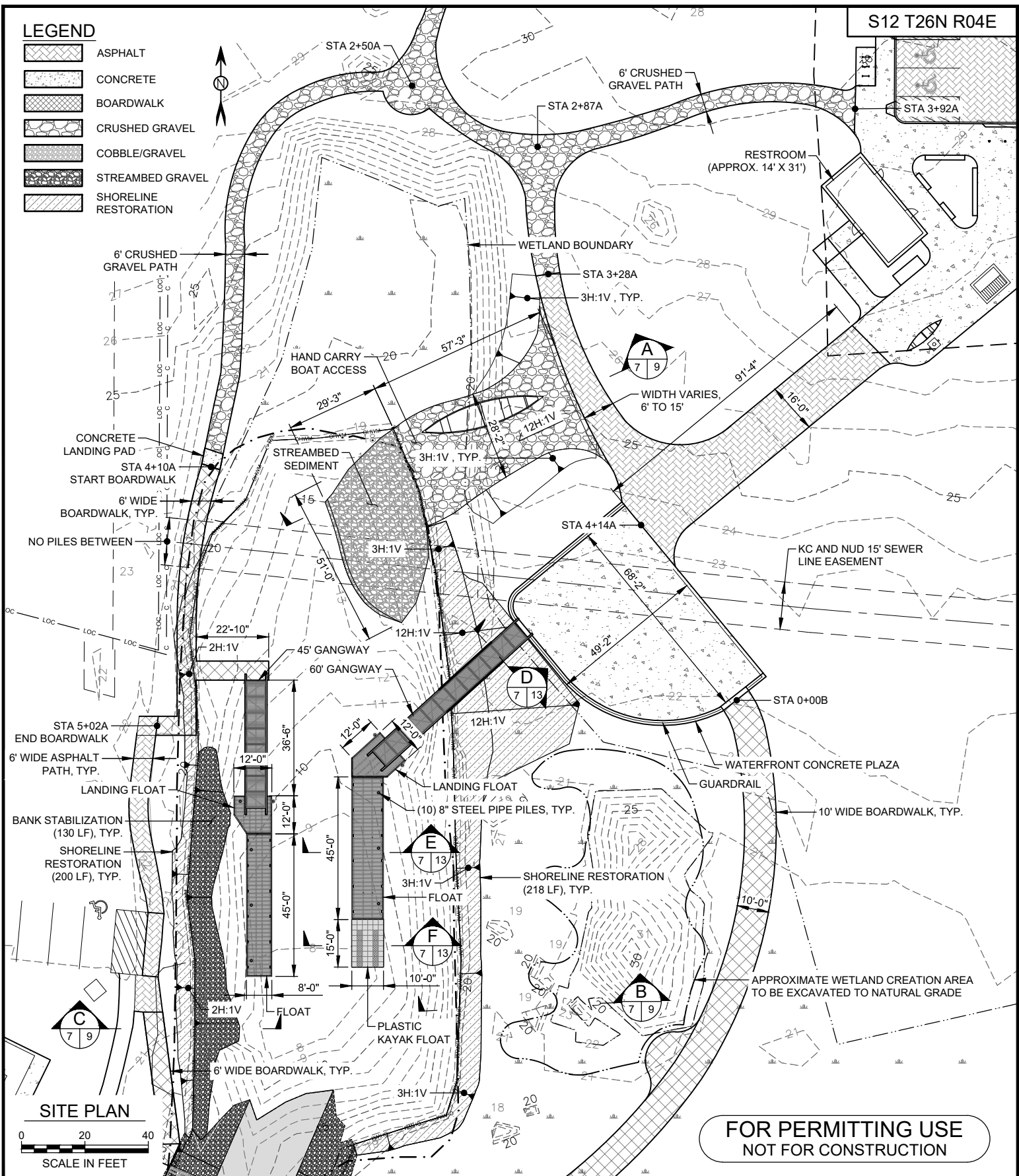
SHEET 6 OF 24

NWS-2020-434

DATE: 4/12/2019

LEGEND

- | | |
|---|-----------------------|
|  | ASPHALT |
|  | CONCRETE |
|  | BOARDWALK |
|  | CRUSHED GRAVEL |
|  | COBBLE/GRAVEL |
|  | STREAMBED GRAVEL |
|  | SHORELINE RESTORATION |



FOR PERMITTING USE
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PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

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APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS

ENLARGED SITE PLAN 1

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

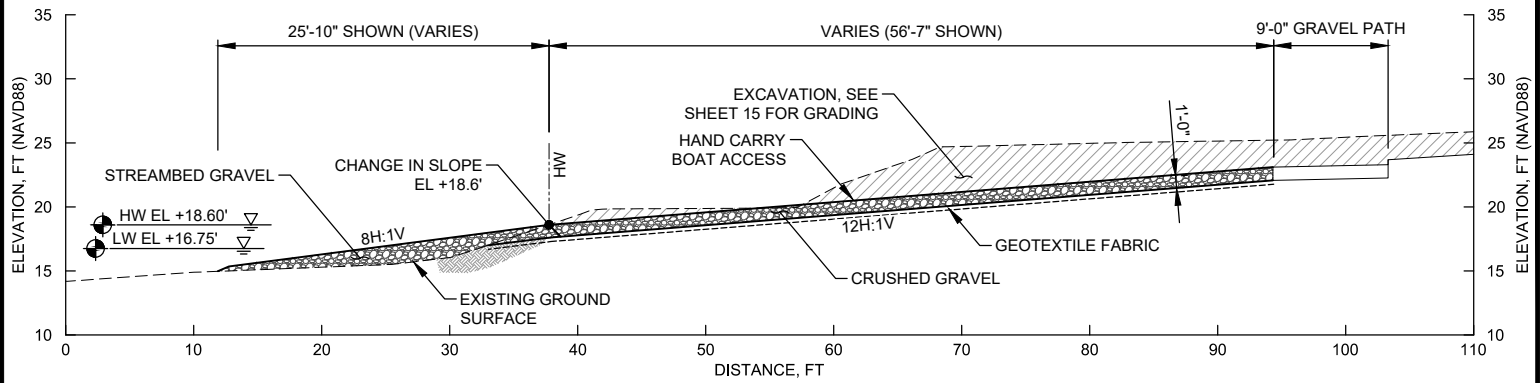
AT: CITY OF KENMORE NWS-2020-434

COUNTY: KING

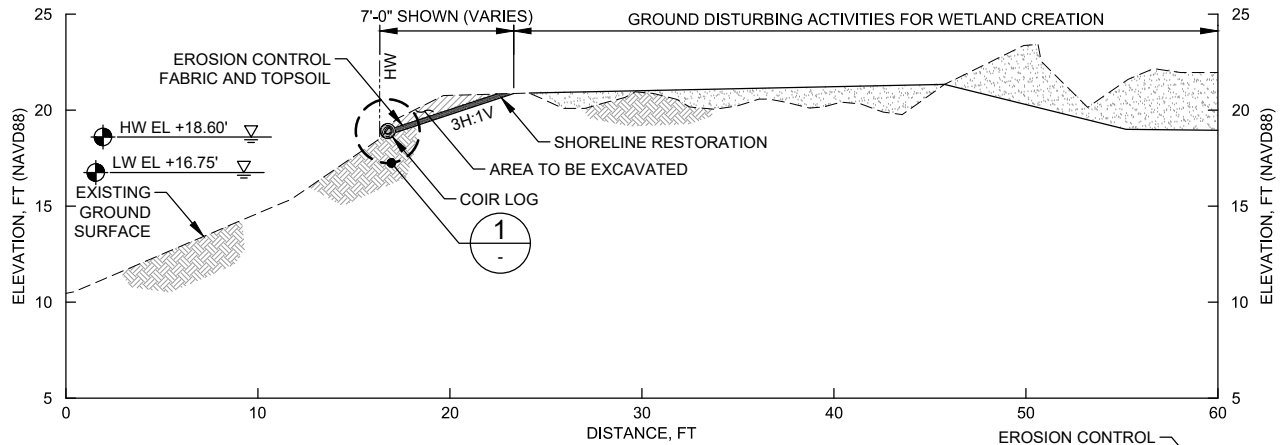
SHEET 7 OF 24 DATE: 4/12/19



DATE: 4/12/19

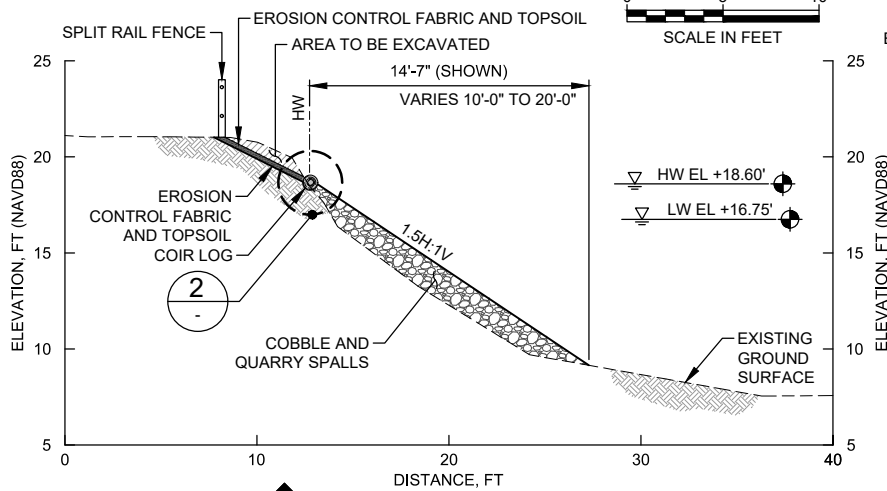


SECTION A
HAND CARRY BOAT ACCESS
SCALE IN FEET
0 7.5 15

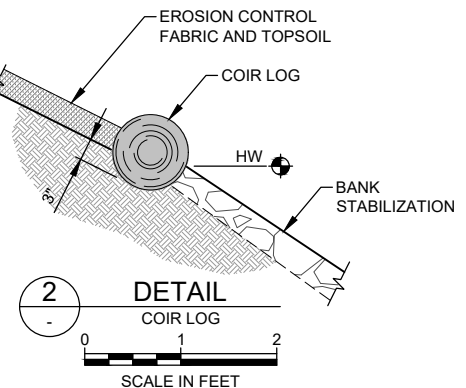
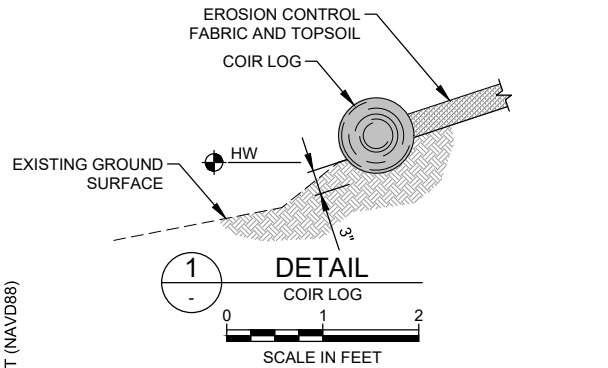


SECTION B
SHORELINE RESTORATION
EAST SIDE OF LAGOON
SCALE IN FEET
0 5 10

NOTE: SEE SHEET 18 FOR PLANTING DETAILS



SECTION C
SHORELINE RESTORATION
WEST SIDE OF LAGOON
SCALE IN FEET
0 5 10



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK WATERFRONT ACCESS IMPROVEMENTS SHORELINE SECTIONS

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

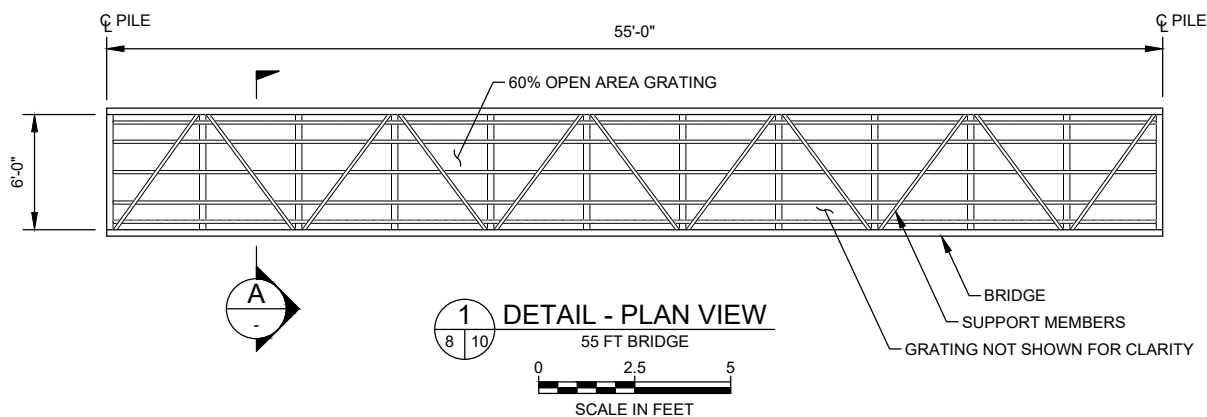
AT: CITY OF KENMORE

COUNTY: KING

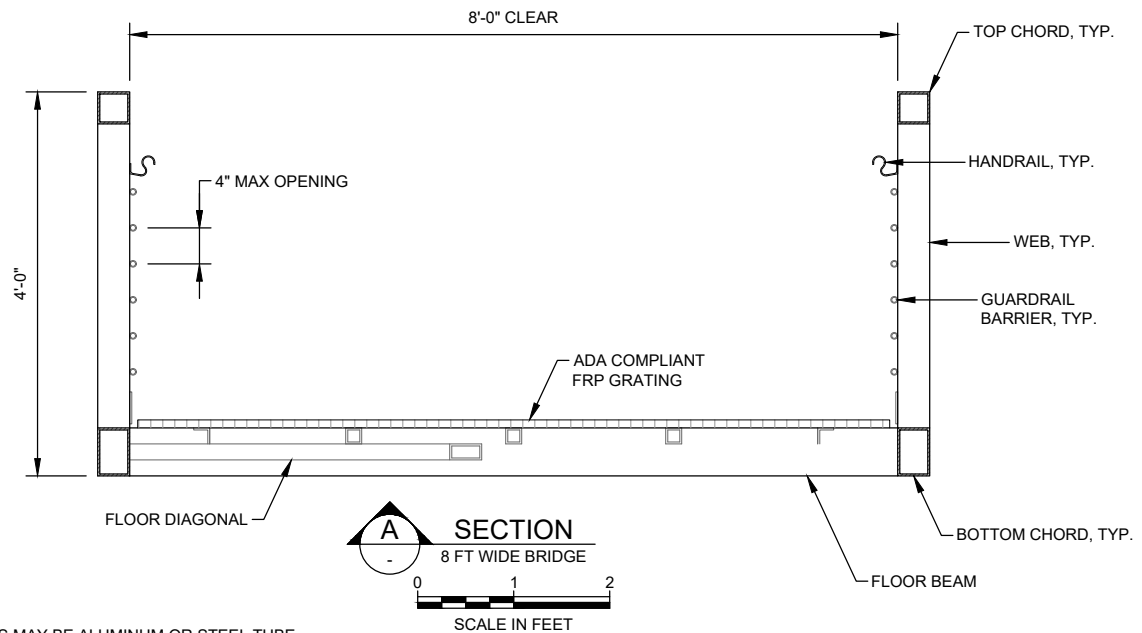
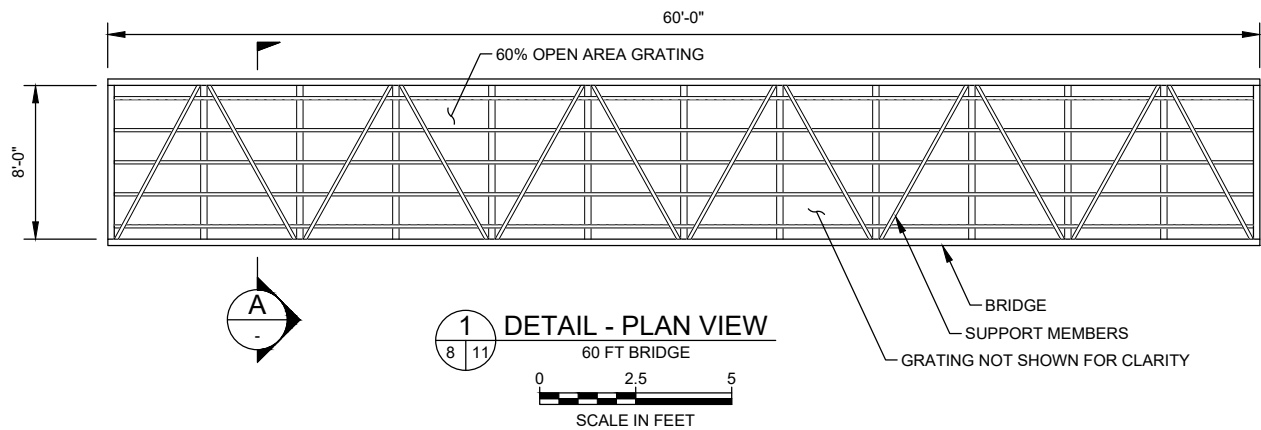
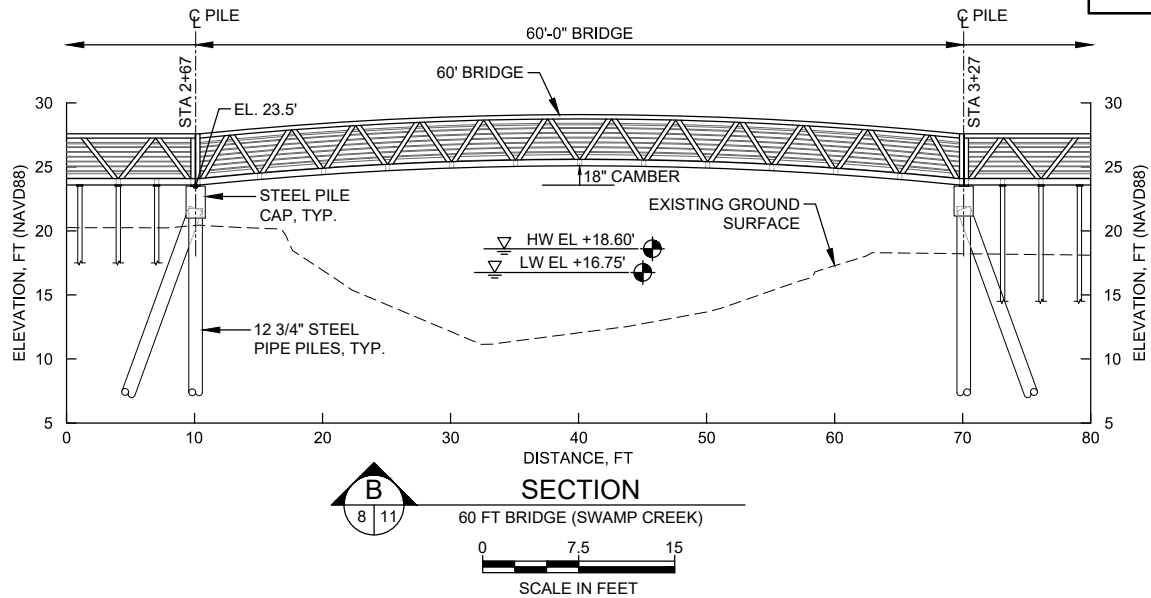
NWS-2020-434

SHEET 9 **OF** 24

DATE: 4/12/19



DATE: 4/12/19

**NOTE**

1. STRUCTURAL MEMBERS MAY BE ALUMINUM OR STEEL TUBE.

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

**CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS**

BRIDGE SECTION & DETAILS 2

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

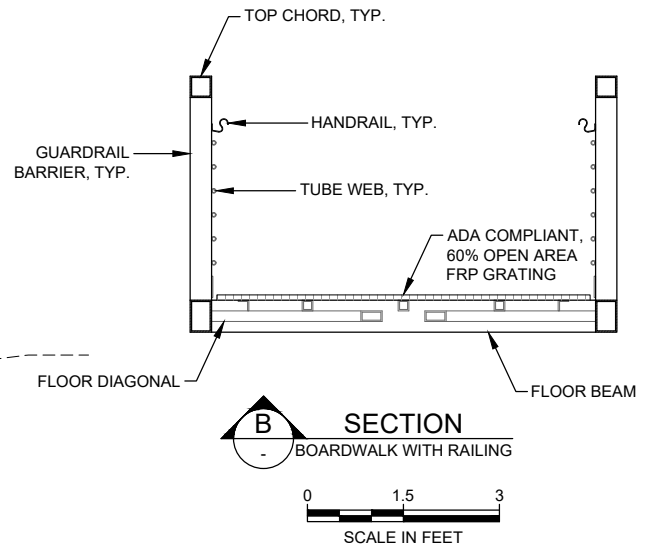
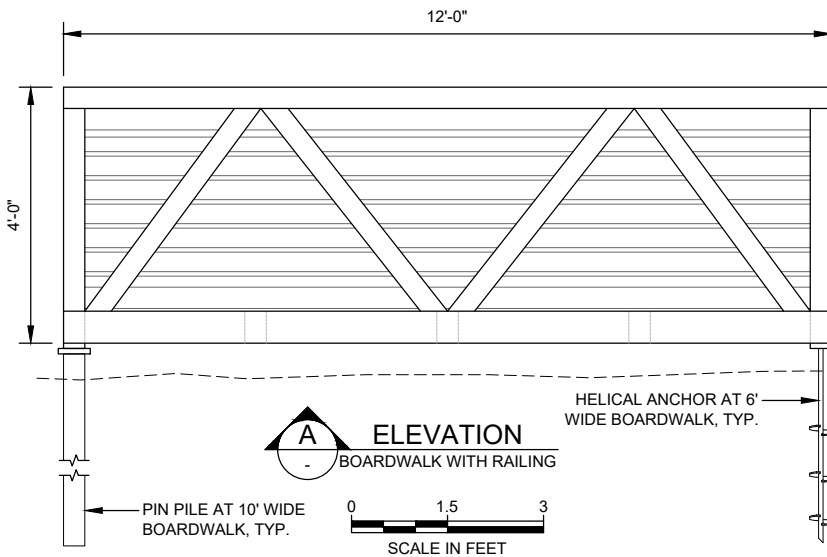
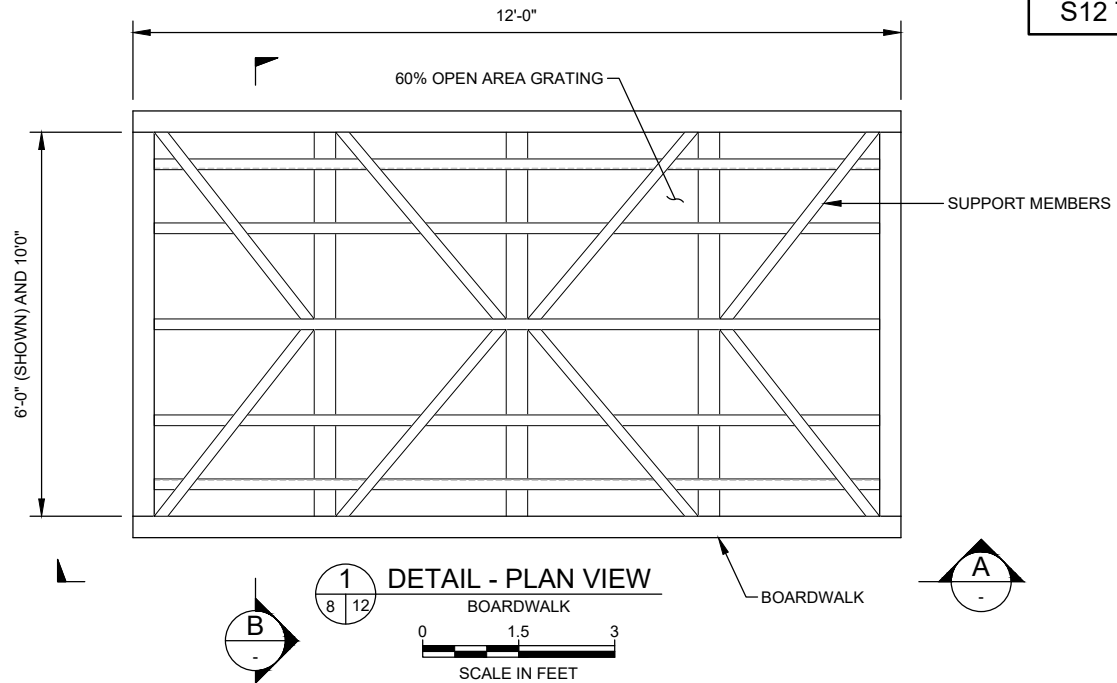
AT: CITY OF KENMORE

COUNTY: KING

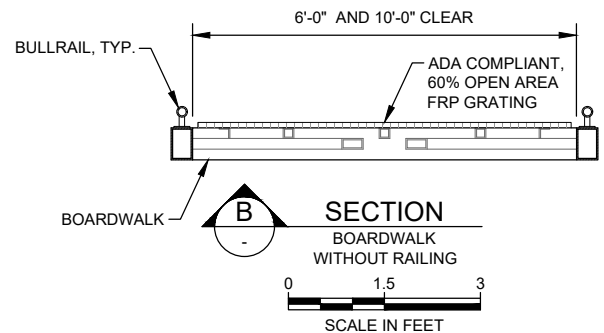
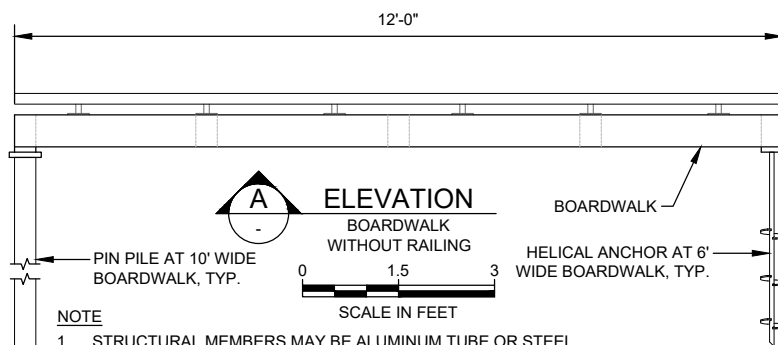
SHEET 11 **OF** 24

NWS-2020-434

DATE: 4/12/19

**NOTE**

USE OF PIN PILE AND HELICAL ANCHORS WILL VARY BASED ON LOADING AND GEOMETRY OF BOARDWALK (WIDTH AND HEIGHT ABOVE GROUND)

**NOTE**

1. STRUCTURAL MEMBERS MAY BE ALUMINUM TUBE OR STEEL.

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS
BOARDWALK SECTION & DETAILS

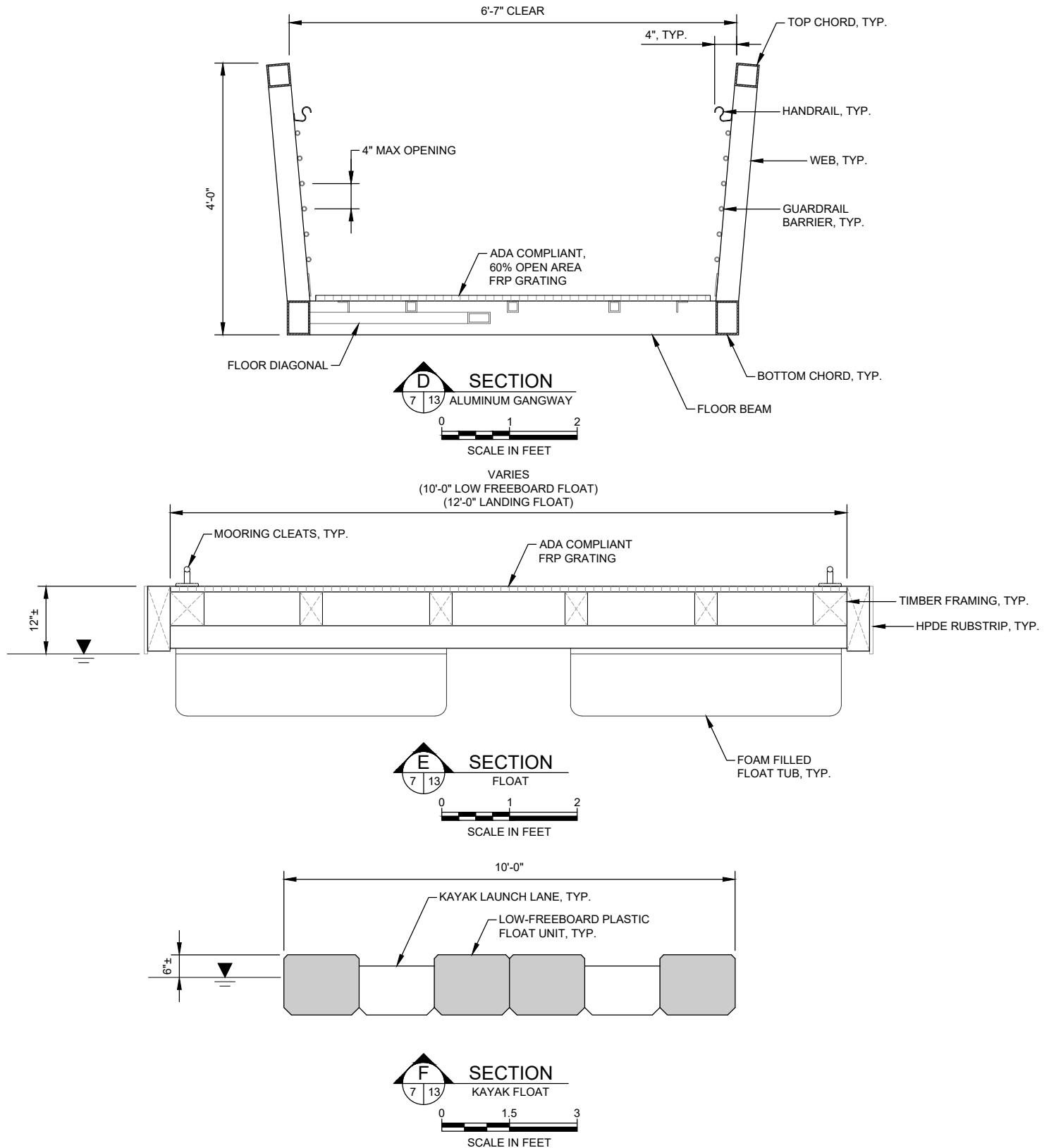
PROPOSED: WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE NWS-2020-434

COUNTY: KING

SHEET 12 **OF** 24 **DATE:** 4/12/19



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

**CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS
FLOAT & GANGWAY SECTIONS**

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

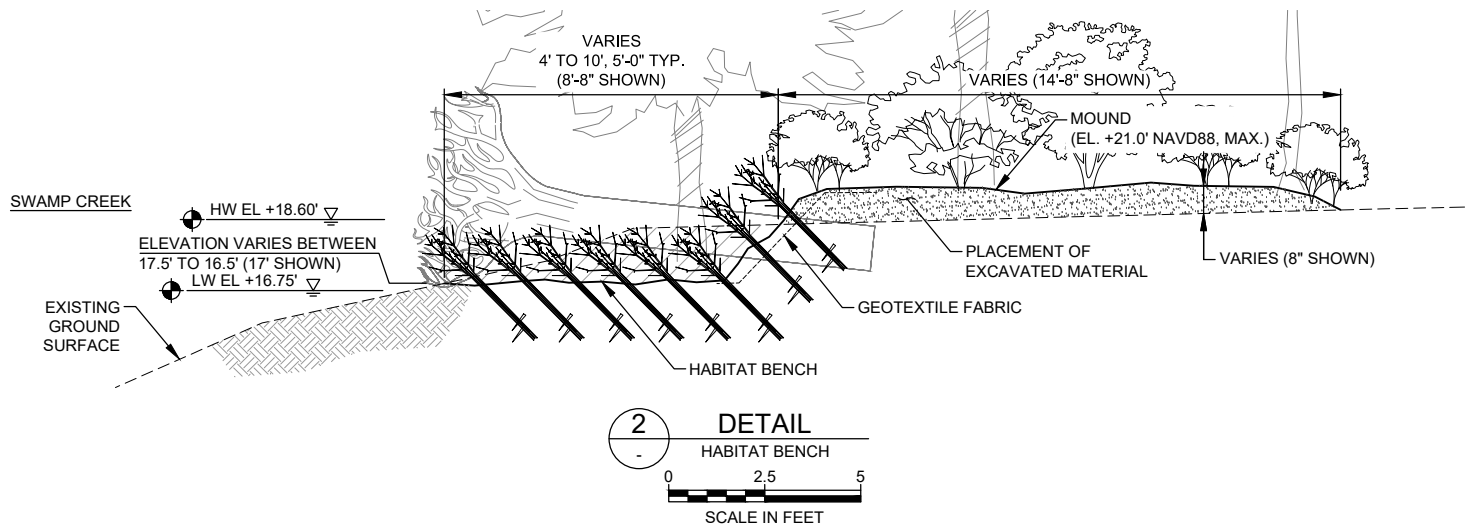
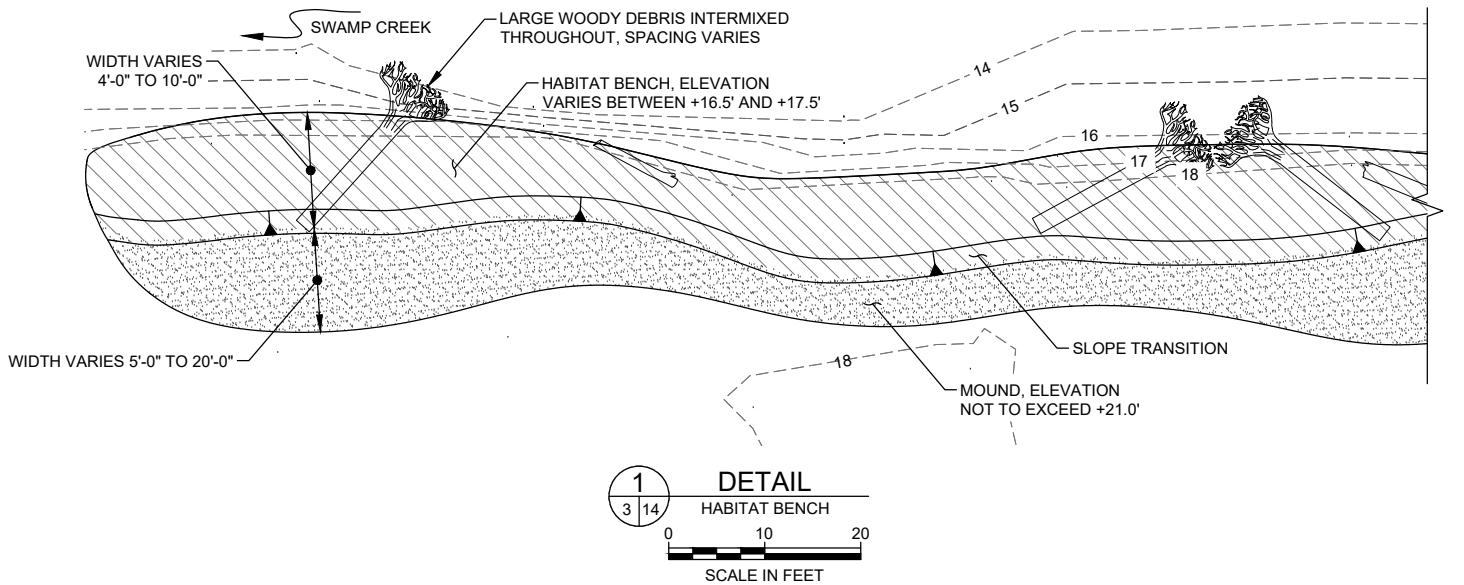
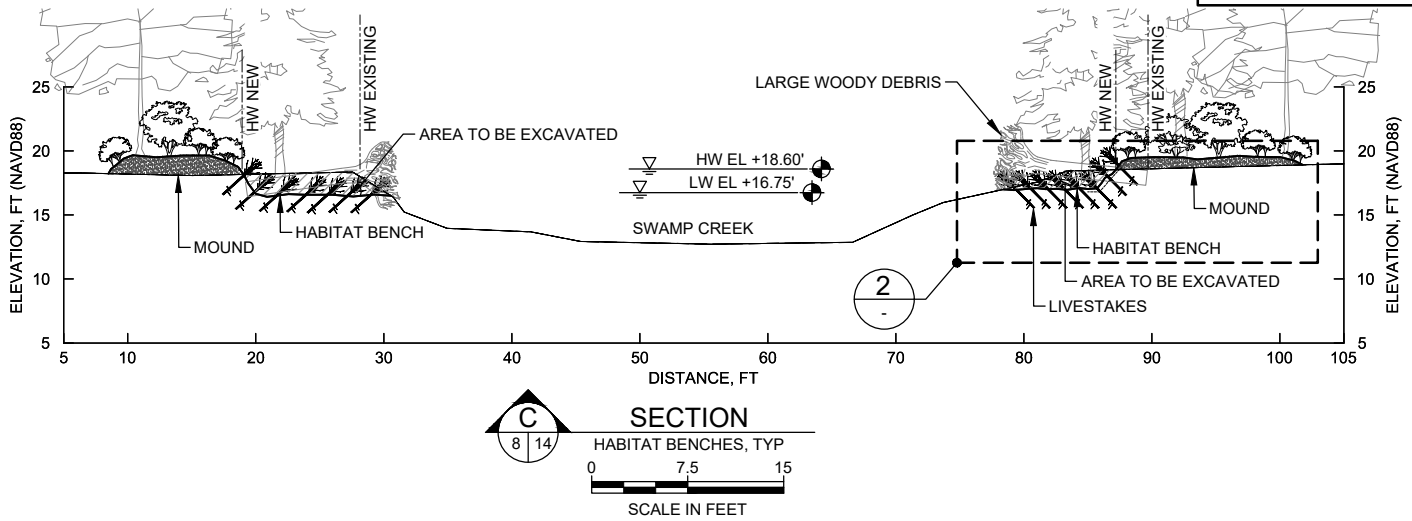
AT: CITY OF KENMORE

COUNTY: KING

NWS-2020-434

SHEET 13 **OF** 24

DATE: 4/12/19



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

**CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS
HABITAT BENCH SECTIONS**

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

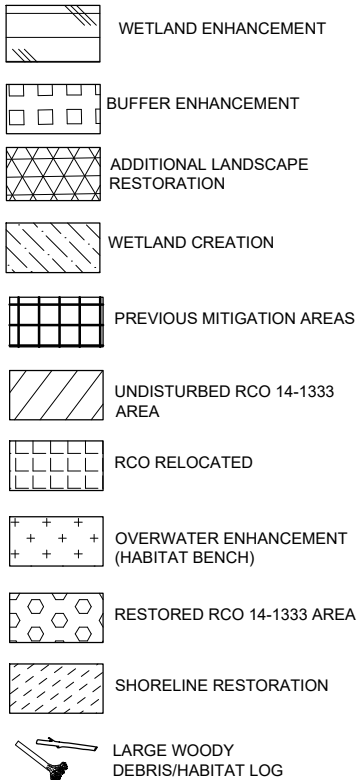
NWS-2020-434

COUNTY: KING

SHEET 14 **OF** 24

DATE: 4/12/19

LEGEND

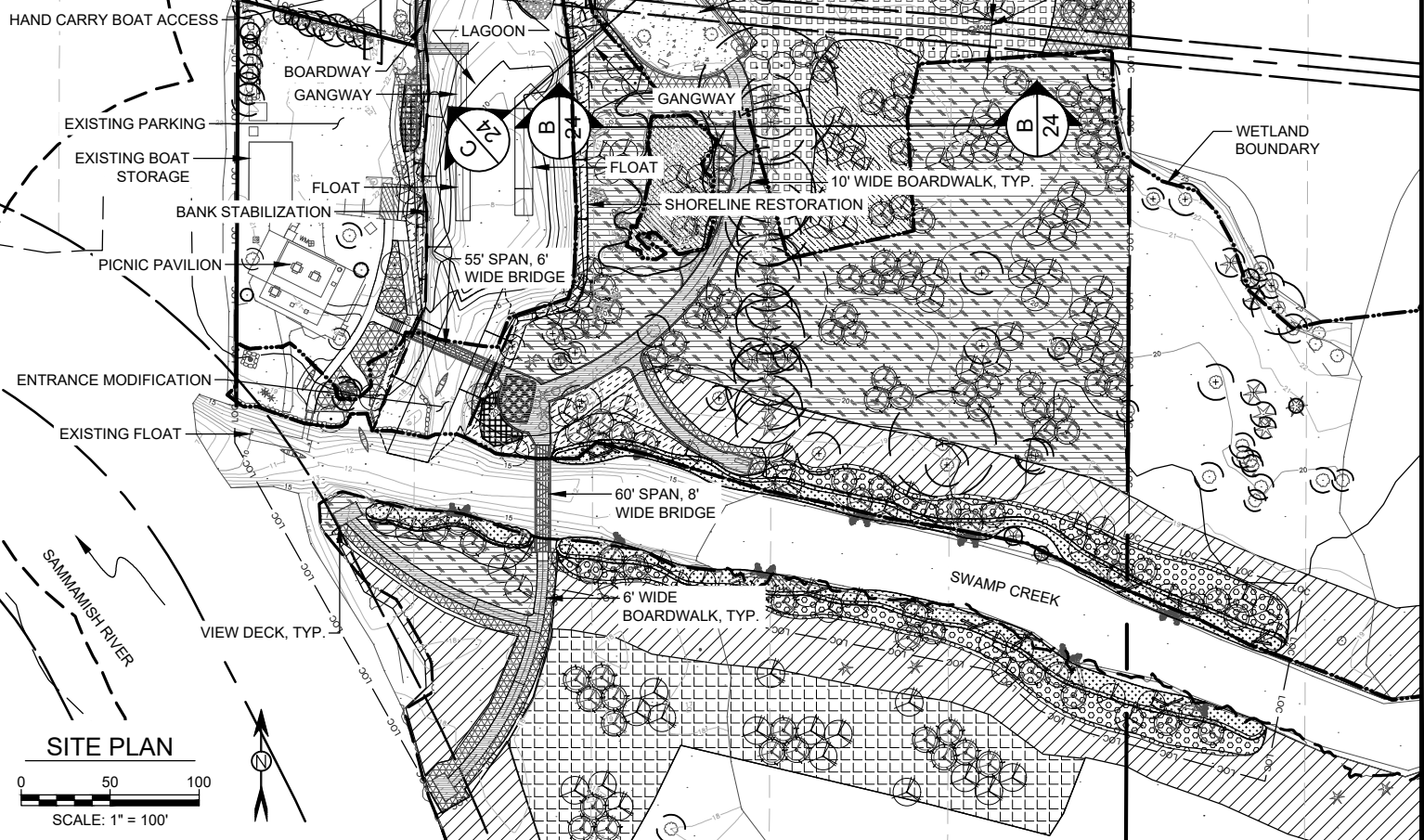


S12 T26N R04E

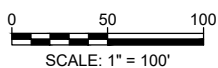
FOR PERMITTING USE
NOT FOR CONSTRUCTION

WATER LEVELS, FT. (NAVD88)

LAKE WASHINGTON HIGH WATER (HW)	18.6
LAKE WASHINGTON LOW WATER (LW)	16.75



SITE PLAN



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING PROPOSED SITE PLAN

PROPOSED: WATER ACCESS AND WETLAND
ENHANCEMENT AND RIPARIAN
HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

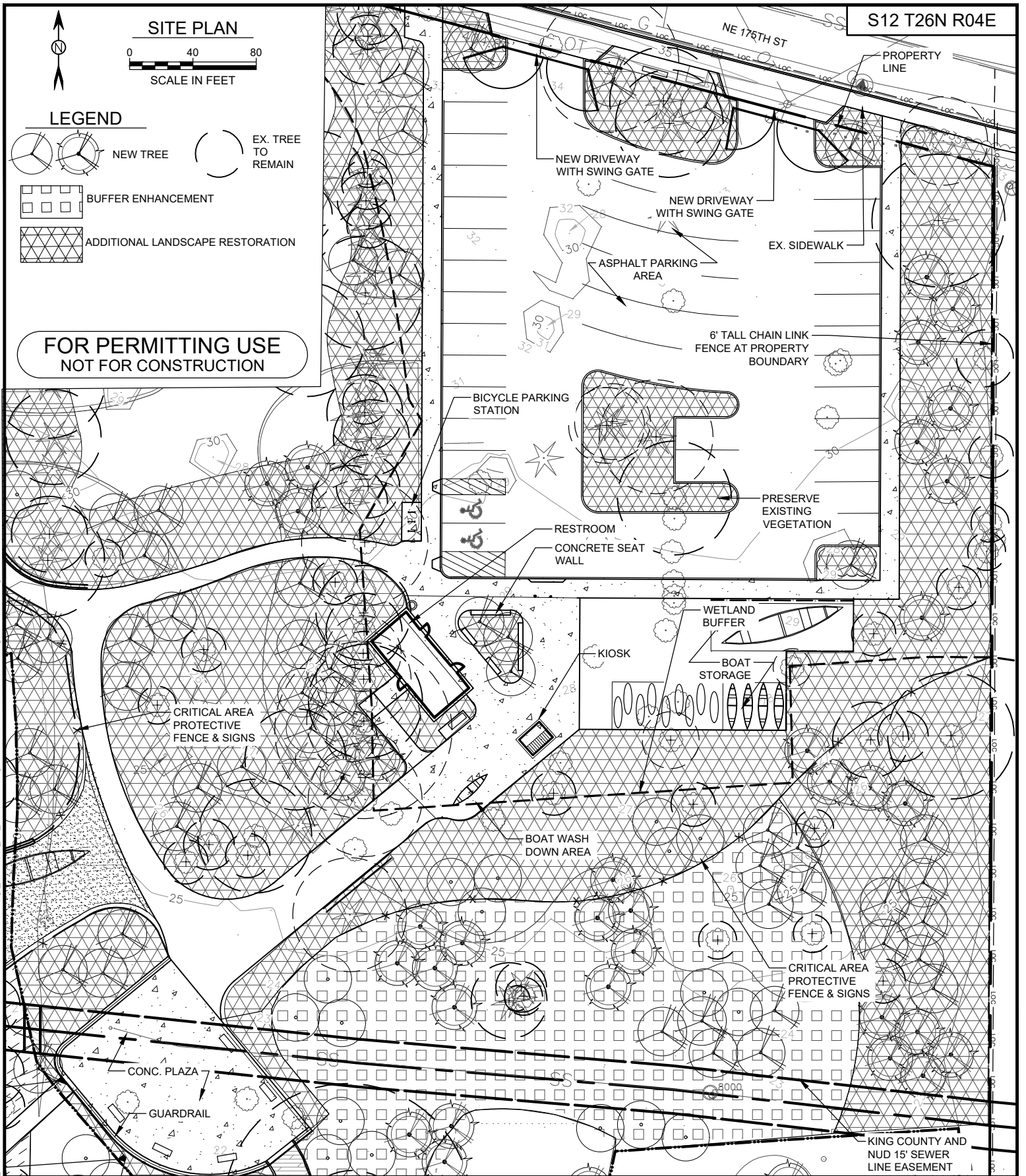
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COUNTY: KING

SHEET 15 **OF** 24

DATE: 04/12/19

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PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

**CITY OF KENMORE
SQUIRE'S LANDING PARK
IMPROVEMENTS**

**MITIGATION/PLANTING
ENLARGED SITE PLAN 1**

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE NWS-2020-434

COUNTY: KING

SHEET 16 OF 24

DATE: 04/12/19

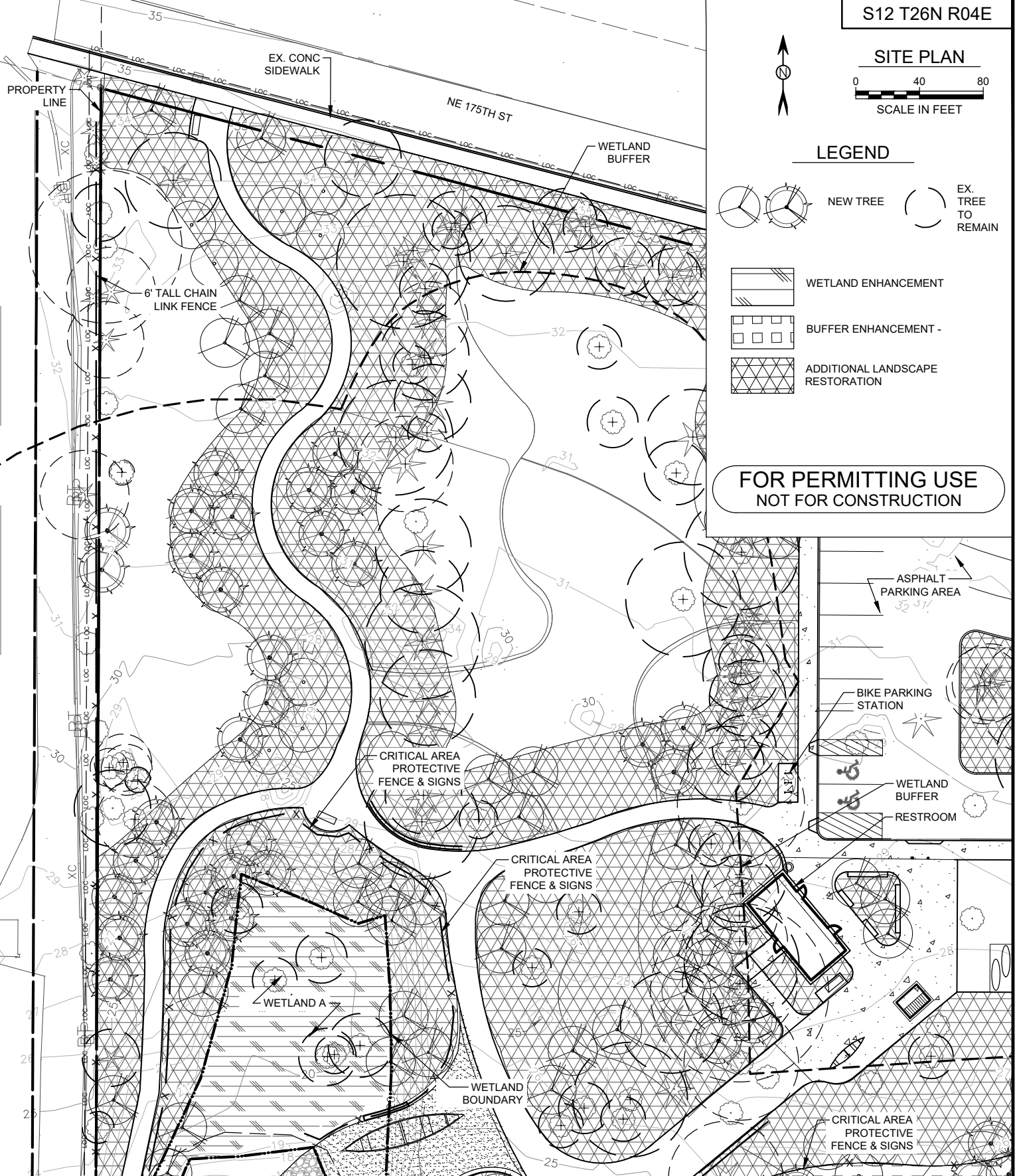
SITE PLAN



LEGEND



FOR PERMITTING USE
NOT FOR CONSTRUCTION



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING ENLARGED SITE PLAN 2

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE NWS-2020-434

COUNTY: KING

SHEET 17 **OF** 24

DATE: 04/12/19

SITE PLAN



**FOR PERMITTING USE
NOT FOR CONSTRUCTION**

LEGEND



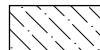
NEW TREE



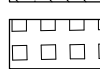
EX. TREE TO REMAIN



WETLAND ENHANCEMENT -



WETLAND CREATION -



BUFFER ENHANCEMENT



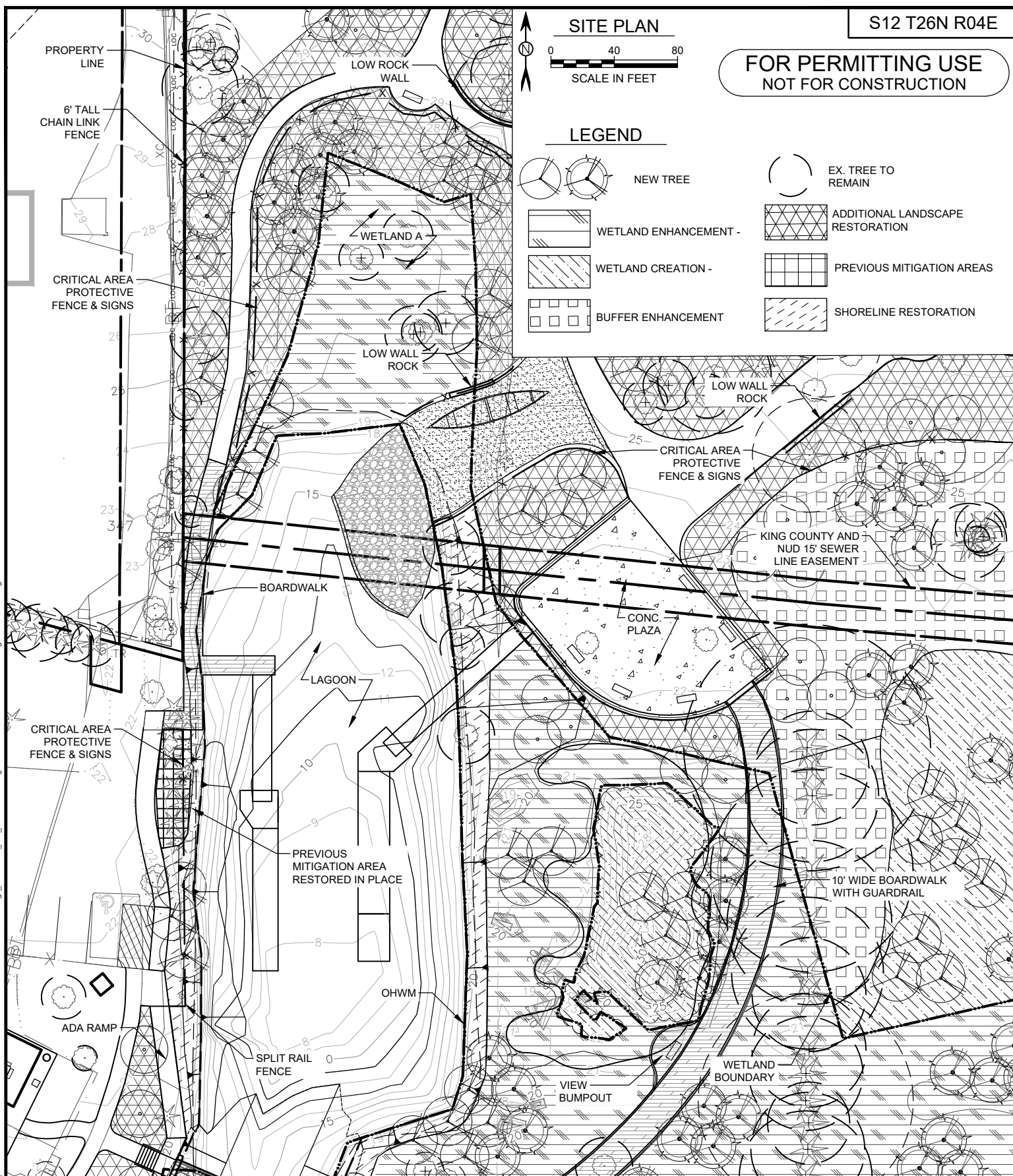
ADDITIONAL LANDSCAPE RESTORATION



PREVIOUS MITIGATION AREAS



SHORELINE RESTORATION



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 17TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING ENLARGED SITE PLAN 3

PROPOSED: WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

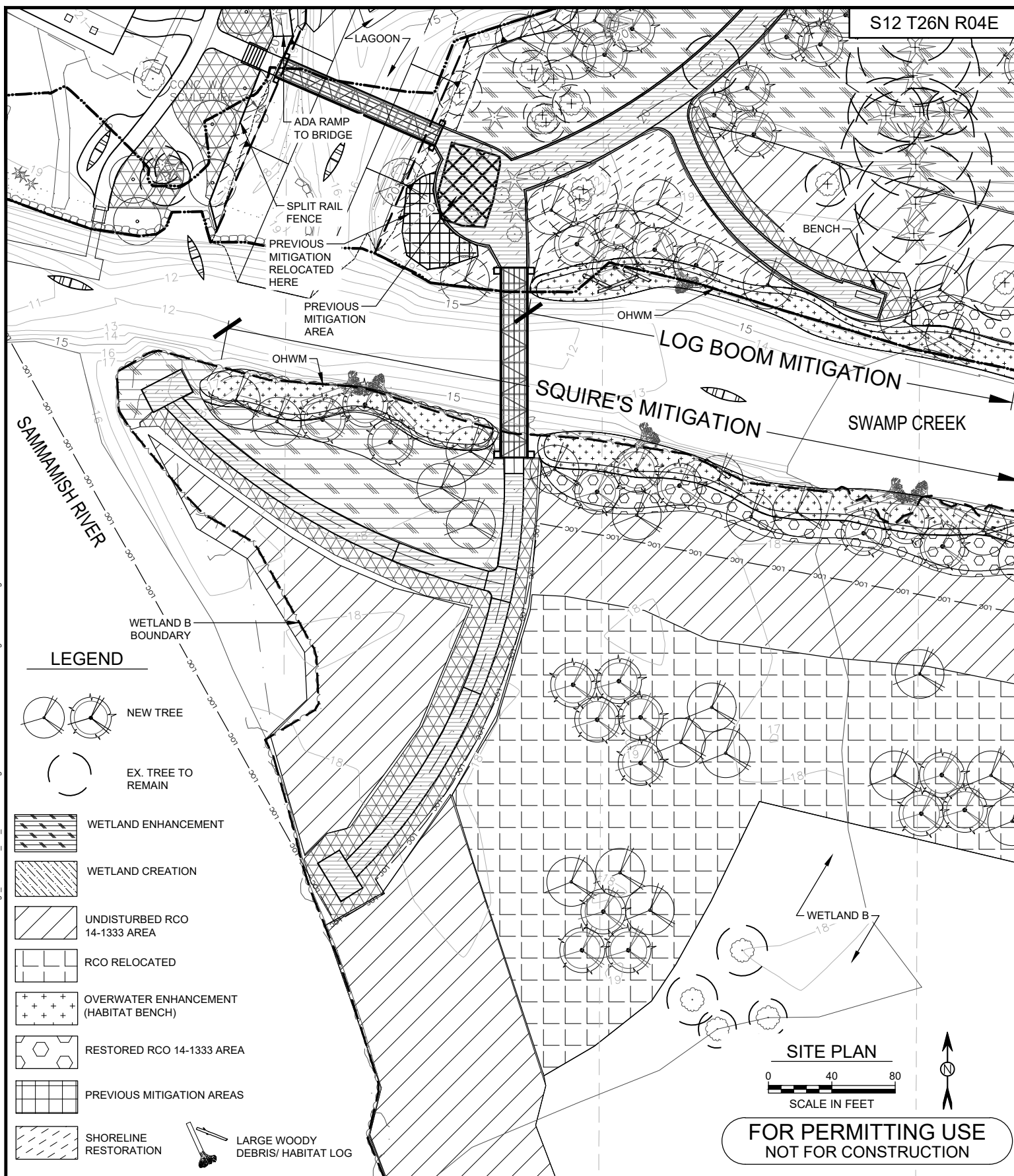
AT: CITY OF KENMORE

COUNTY: KING

NWS-2020-434

SHEET 18 OF 24

DATE: 04/12/19



PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 17TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING ENLARGED SITE PLAN 4

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

NWS-2020-434

COUNTY: KING

SHEET 19 **OF** 24

DATE: 04/12/19

S12 T26N R04E

2 1/2" PVC
W/CAP, 0.6'
ABOVE GROUND

PROPERTY LINE

SQUIRE'S MITIGATION

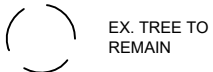
SWAMP CREEK

LOG BOOM MITIGATION

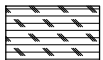
LOG BOOM MITIGATION

WETLAND B

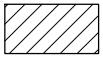
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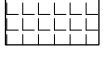
EX. TREE TO
REMAIN



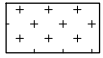
WETLAND ENHANCEMENT



RCO 14-1333



RCO RELOCATED



OVERWATER ENHANCEMENT
(HABITAT BENCH) - 8,123 SF

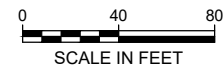


RESTORED RCO



LARGE WOODY DEBRIS/
HABITAT LOG

SITE PLAN



SCALE IN FEET



**FOR PERMITTING USE
NOT FOR CONSTRUCTION**

WATER LEVELS, FT. (NAVD88)

ORDINARY HIGH WATER (OHW)	18.6
LAKE WASHINGTON LOW WATER (LWD)	16.75

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 17TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING ENLARGED SITE PLAN 5

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

COUNTY: KING

NWS-2020-434

SHEET 20 OF 24

DATE: 04/12/19

FILE: pw:/pms/pwise/hmimg/ccpw_ports_harbors/Documents/955381-CITY OF KENMORE WATERFRONT IMP/Drawings_Models/12_MA_Marine7 - Design/CAD/F - Permit/SLP-JARPA- Mitigation Sheets.dwg

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	QTY
 	WETLAND ENHANCEMENT PLANTS (INCLUDES RCO RELOCATED AREA)					
	TREES					
	BETULA OCCIDENTALIS	WATER BIRCH	2 GAL.	CONTAINER	8' - 12' O.C.	100
	CRATAEGUS DOUGLASII	BLACK HAWTHORN	1 GAL.	CONTAINER	8' - 12' O.C.	100
	FRAXINUS LATIFOLIA	OREGON ASH	1 GAL.	CONTAINER	8' - 12' O.C.	100
	MALUS FUSCA	PACIFIC CRAB APPLE	1 GAL.	CONTAINER	8' - 12' O.C.	100
	PINUS SITCHENSIS	SITKA SPRUCE	1 GAL.	CONTAINER	8' - 12' O.C.	100
	SALIX LUCIDA	PACIFIC WILLOW	1" DIA	LIVESTAKE	12"-24" O.C.	1000
	SALIX SITCHENSIS	SITKA WILLOW	1" DIA	LIVESTAKE	12"-24" O.C.	1000
	THUJA PLICATA	WESTERN RED CEDAR	5 GAL.	CONTAINER	8' - 12' O.C.	100
	POPULUS BALSAMIFERA	COTTONWOOD	1 GAL.	CONTAINER	8' - 12' O.C.	75
	SHRUBS/HERBACEOUS					
	ATHYRIUM FELIX-FEMINA	LADY FERN	1 GAL.	CONTAINER	3' O.C.	300
	CORNUS SERICEA	RED TWIG DOGWOOD	1 GAL.	CONTAINER	4' - 6' O.C.	330
	LONICERA INVOLUCRATA	BLACK TWINBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	330
	MYRICA GALE	SWEET GALE	1 GAL.	CONTAINER	4' - 6' O.C.	330
	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	5 GAL.	CONTAINER	4' - 6' O.C.	330
	ROSA NUTKANA	NOOTKA ROSE	1 GAL.	CONTAINER	4' - 6' O.C.	330
	RUBUS SPECTABILIS	SALMONBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	330
	SPIRAEA DOUGLASII	HARDHACK	1 GAL.	CONTAINER	4' - 6' O.C.	330
	BUFFER ENHANCEMENT PLANTS					
	TREES					
	ABIES GRANDIS	GRAND FIR	5 GAL.	CONTAINER	8' - 12' O.C.	18
	ACER CIRCINATUM	VINE MAPLE	2 GAL.	CONTAINER	8' - 12' O.C.	25
	ACER MACROPHYLLUM	BIG LEAF MAPLE	1 GAL.	CONTAINER	8' - 12' O.C.	18
	BETULA PAPYRIFERA	PAPER BIRCH	1 GAL.	CONTAINER	8' - 12' O.C.	18
	CORNUS NUTALLII	PACIFIC DOGWOOD	1 GAL.	CONTAINER	8' - 12' O.C.	18
	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	2 GAL.	CONTAINER	8' - 12' O.C.	18
	RHAMNUS PURSHIANA	CASCARA	1 GAL.	CONTAINER	8' - 12' O.C.	12
	THUJA PLICATA	WESTERN RED CEDAR	2 GAL.	CONTAINER	8' - 12' O.C.	18
	SHRUBS/HERBACEOUS					
	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	47
	HOLODISCUS DISCOLOR	OCEANSPRAY	1 GAL.	CONTAINER	4' - 6' O.C.	47
	LONICERA INVOLUCRATA	BLACK TWINBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	47
	MAHONIA AQUIFOLIUM	TALL OREGON-GRAPE	1 GAL.	CONTAINER	4' - 6' O.C.	47
	OEMLERIA CERASIFORMIS	INDIAN PLUM	5 GAL.	CONTAINER	4' - 6' O.C.	47
	POLYSTICHUM MUNITUM	SWORD FERN	1 GAL.	CONTAINER	3' - 4' O.C.	47
	PHILADELPHUS LEWISII	MOCK ORANGE	1 GAL.	CONTAINER	4' - 6' O.C.	47
	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	5 GAL.	CONTAINER	4' - 6' O.C.	47
	RIBES SANGUINEUM	RED FLOWERING CURRANT	1 GAL.	CONTAINER	4' - 6' O.C.	47
	ROSA GYMNOCARPA	BALDHIP ROSE	1 GAL.	CONTAINER	4' - 6' O.C.	47
	ROSA NUTKANA	NOOTKA ROSE	2 GAL.	CONTAINER	4' - 6' O.C.	47
	RUBUS SPECTABILIS	SALMONBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	47
	SYMPHORICARPUS ALBUS	SNOWBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	47
	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	2 GAL.	CONTAINER	4' - 6' O.C.	47
	VIBURNUM EDULE	HIGHBUSH CRANBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	47

S12 T26N R04E

FOR PERMITTING USE
NOT FOR CONSTRUCTION

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE
SQUIRE'S LANDING PARK
IMPROVEMENTS

MITIGATION/PLANTING
PLANT SCHEDULE

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE NWS-2020-434

COUNTY: KING

SHEET 21 OF 24 DATE: 04/12/19

FILE: pw:/pms/pwise/hmng/ccpw_ports_harbors/Documents/953381-CITY OF KENMORE WATERFRONT IMP/DRAWINGS_Models/12_MA_Marine7_Design/CAD/F - Permit/SLP-JARPA-Mitigation Sheets.dwg

	WETLAND CREATION PLANTS						S12 T26N R04E
	TREES						
	BETULA OCCIDENTALIS	WATER BIRCH	2 GAL.	CONTAINER	8' - 12' O.C.	16	
	CRATAEGUS DOUGLASII	BLACK HAWTHORN	1 GAL.	CONTAINER	8' - 12' O.C.	16	
	FRAXINUS LATIFOLIA	OREGON ASH	2 GAL.	CONTAINER	8' - 12' O.C.	16	
	SALIX LUCIDA	PACIFIC WILLOW	1" DIA.	LIVESTAKE	12" O.C.	16	
	SALIX SITCHENSIS	SITKA WILLOW	1" DIA.	LIVESTAKE	12" O.C.	16	
	THUJA PLICATA	WESTERN RED CEDAR	1 GAL.	CONTAINER	8' - 12' O.C.	16	
	SHRUBS/HERBACEOUS						
	ATHYRIUM FELIX-FEMINA	LADY FERN	1 GAL.	CONTAINER	3' O.C.	63	
	CORNUS SERICEA	RED TWIG DOGWOOD	1 GAL.	CONTAINER	4' - 6' O.C.	63	
	LONICERA INVOLUCRATA	BLACK TWINBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	63	
	MYRICA CALIFORNICA	PACIFIC WAX MYRTLE	1 GAL.	CONTAINER	4' - 6' O.C.	63	
	MYRICA GALE	SWEET GALE	1 GAL.	CONTAINER	4' - 6' O.C.	63	
	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	5 GAL.	CONTAINER	4' - 6' O.C.	63	
	ROSA NUTKANA	NOOTKA ROSE	1 GAL.	CONTAINER	4' - 6' O.C.	63	
	RUBUS SPECTABILIS	SALMONBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	63	
	SPIRAEA DOUGLASII	HARDHACK	1 GAL.	CONTAINER	4' - 6' O.C.	63	
 	OVER WATER HABITAT ENHANCEMENT PLANTS (HABITAT BENCH & RCO RESTORED ON MOUND)						
	TREES						
	FRAXINUS LATIFOLIA	OREGON ASH	1 GAL.	CONTAINER	8' - 12' O.C.	56	
	PICEA SITCHENSIS	SITKA SPRUCE	2 GAL.	CONTAINER	8' - 12' O.C.	45	
	SALIX LUCIDA SSP. LASIANDRA	PACIFIC WILLOW	1" DIA.	LIVESTAKE	12" O.C.	3200	
	SALIX SITCHENSIS	SITKA WILLOW	1" DIA.	LIVESTAKE	12" O.C.	3200	
	THUJA PLICATA	WESTERN RED CEDAR	2 GAL.	CONTAINER	8' - 12' O.C.	55	
	SHRUBS						
	CORNUS SERICEA	RED TWIG DOGWOOD	1 GAL.	CONTAINER	4' - 6' O.C.	130	
	MYRICA GALE	SWEET GALE	1 GAL.	CONTAINER	4' - 6' O.C.	130	
	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	1 GAL.	CONTAINER	3' - 4' O.C.	130	
	ROSA NUTKANA	NOOTKA ROSE	1 GAL.	CONTAINER	3' - 4' O.C.	130	
	RUBUS SPECTABILIS	SALMONBERRY	1 GAL.	CONTAINER	3' - 4' O.C.	130	
	SALIX SCOULERIANA	SCOULER'S WILLOW	1 GAL.	CONTAINER	3' - 4' O.C.	130	
	SPIRAEA DOUGLASII	HARDHACK	1 GAL.	CONTAINER	4' - 6' O.C.	130	

FOR PERMITTING USE
NOT FOR CONSTRUCTION

WATER LEVELS, FT. (NAVD88)	
ORDINARY HIGH WATER (OHW)	18.6
LAKE WASHINGTON LOW WATER (LWD)	16.75

<u>PURPOSE:</u> WATERFRONT PARK IMPROVEMENTS		CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS	PROPOSED: WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT
<u>VERTICAL DATUM:</u> NAVD88			
<u>ADJACENT PROPERTY OWNERS:</u> 1. SAMMAMISH RIVER APTS LLC 2. DENNIS KROEGER 3. DNR PARCEL NO. 122604HRDR 4. TRAIL WALK CONDOMINIUMS 5. NE 175TH STREET		MITIGATION/PLANTING PLANT SCHEDULE	NEAR: SAMMAMISH RIVER AT: CITY OF KENMORE NWS-2020-434 COUNTY: KING SHEET 22 OF 24 DATE: 04/12/19
<u>APPLICATION BY:</u> CITY OF KENMORE			

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	QTY
	ADDITIONAL LANDSCAPE RESTORATION PLANTS (WETLAND ENHANCEMENT AREA)					
	TREES					
	BETULA OCCIDENTALIS	WATER BIRCH	2 GAL.	CONTAINER	8' - 12' O.C.	15
	CRATAEGUS DOUGLASII	BLACK HAWTHORN	1 GAL.	CONTAINER	8' - 12' O.C.	15
	FRAXINUS LATIFOLIA	OREGON ASH	1 GAL.	CONTAINER	8' - 12' O.C.	15
	SALIX LUCIDA	PACIFIC WILLOW	1" DIA	LIVESTAKE	12"-24" O.C.	15
	SALIX SITCHENSIS	SITKA WILLOW	1" DIA	LIVESTAKE	12"-24" O.C.	15
	THUJA PLICATA	WESTERN RED CEDAR	5 GAL.	CONTAINER	8' - 12' O.C.	15
	POPULUS BALSAMIFERA	COTTONWOOD	1 GAL.	CONTAINER	8' - 12' O.C.	15
	SHRUBS/HERBACEOUS					
	ATHYRIUM FELIX-FEMINA	LADY FERN	1 GAL.	CONTAINER	3' O.C.	45
	CORNUS SERICEA	RED TWIG DOGWOOD	1 GAL.	CONTAINER	4' - 6' O.C.	45
	LONICERA INVOLUCRATA	BLACK TWINBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	45
	MYRICA GALE	SWEET GALE	1 GAL.	CONTAINER	4' - 6' O.C.	45
	ROSA NUTKANA	NOOTKA ROSE	1 GAL.	CONTAINER	4' - 6' O.C.	45
	RUBUS SPECTABILIS	SALMONBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	45
	SPIRAEA DOUGLASII	HARDHACK	1 GAL.	CONTAINER	4' - 6' O.C.	45
	ADDITIONAL LANDSCAPE RESTORATION PLANTS (BUFFER ENHANCEMENT AREAS AND FRONTAGE IMPROVEMENTS)					
	TREES					
	ABIES GRANDIS	GRAND FIR	5 GAL.	CONTAINER	8' - 12' O.C.	23
	ACER CIRCINATUM	VINE MAPLE	2 GAL.	CONTAINER	8' - 12' O.C.	35
	ACER MACROPHYLLUM	BIG LEAF MAPLE	1 GAL.	CONTAINER	8' - 12' O.C.	15
	BETULA Papyrifera	PAPER BIRCH	1 GAL.	CONTAINER	8' - 12' O.C.	25
	CORNUS NUTALLII	PACIFIC DOGWOOD	1 GAL.	CONTAINER	8' - 12' O.C.	25
	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	2 GAL.	CONTAINER	8' - 12' O.C.	17
	RHAMNUS PURSHIANA	CASCARA	1 GAL.	CONTAINER	8' - 12' O.C.	10
	THUJA PLICATA	WESTERN RED CEDAR	2 GAL.	CONTAINER	8' - 12' O.C.	21
	SHRUBS/HERBACEOUS					
	AMELANCHIER ALNIFOLIA	WESTERN SERVICEBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	220
	HOLODISCUS DISCOLOR	OCEANSPRAY	1 GAL.	CONTAINER	4' - 6' O.C.	220
	LONICERA INVOLUCRATA	BLACK TWINBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	220
	MAHONIA AQUIFOLIUM	TALL OREGON-GRAPE	1 GAL.	CONTAINER	4' - 6' O.C.	220
	OEMLERIA CERASIFORMIS	INDIAN PLUM	5 GAL.	CONTAINER	4' - 6' O.C.	220
	POLYSTICHUM MUNITUM	SWORD FERN	1 GAL.	CONTAINER	3' - 4' O.C.	350
	PHILADELPHUS LEWISII	MOCK ORANGE	1 GAL.	CONTAINER	4' - 6' O.C.	220
	PHYSOCARPUS CAPITATUS	PACIFIC NINEBARK	5 GAL.	CONTAINER	4' - 6' O.C.	220
	RIBES SANGUINEUM	RED FLOWERING CURRANT	1 GAL.	CONTAINER	4' - 6' O.C.	220
	ROSA GYMNOCARPA	BALDHIP ROSE	1 GAL.	CONTAINER	4' - 6' O.C.	220
	ROSA NUTKANA	NOOTKA ROSE	2 GAL.	CONTAINER	4' - 6' O.C.	220
	RUBUS SPECTABILIS	SALMONBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	220
	SYMPHORICARPUS ALBUS	SNOWBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	220
	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	2 GAL.	CONTAINER	4' - 6' O.C.	275
	VIBURNUM EDULE	HIGHBUSH CRANBERRY	1 GAL.	CONTAINER	4' - 6' O.C.	220

FOR PERMITTING USE
NOT FOR CONSTRUCTION

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

CITY OF KENMORE SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING PLANT SCHEDULE

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

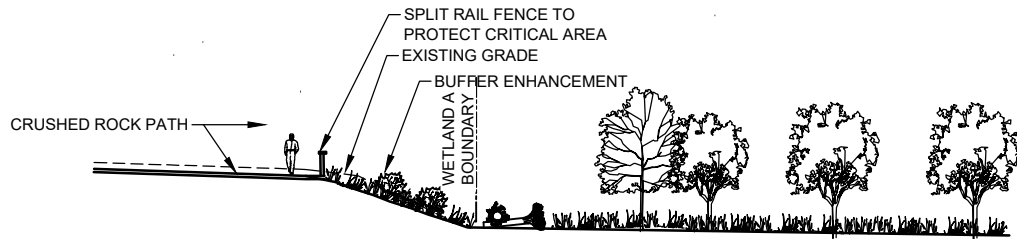
AT: CITY OF KENMORE

NWS-2020-434

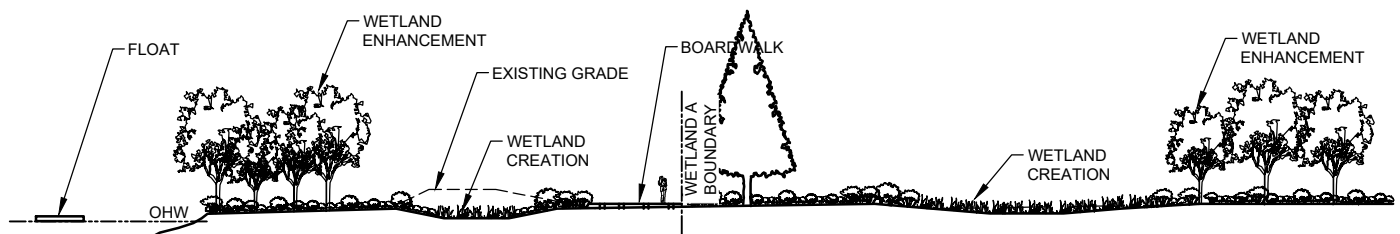
COUNTY: KING

SHEET 23 **OF** 24

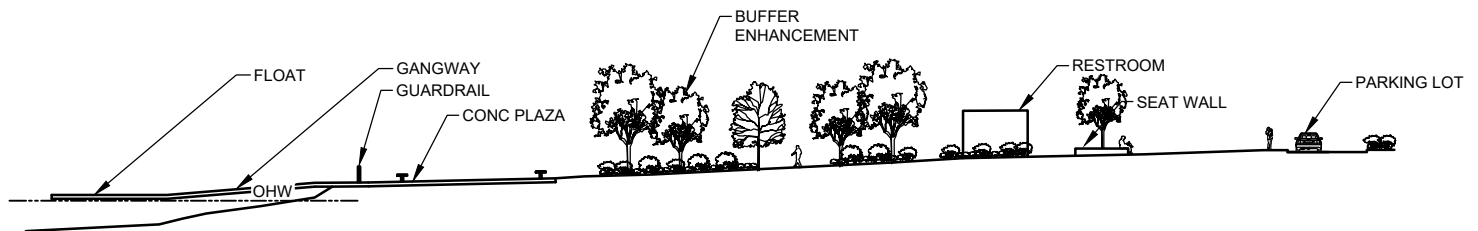
DATE: 04/12/19



A
SECTION
ACROSS LAGOON
1" = 30'



B
SECTION
LAGOON TO WETLANDS
1" = 40'



C
SECTION
LAGOON TO PARKING LOT
N.T.S.

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:

1. SAMMAMISH RIVER APTS LLC
2. DENNIS KROEGER
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APPLICATION BY: CITY OF KENMORE

**CITY OF KENMORE
SQUIRE'S LANDING PARK
IMPROVEMENTS**

SITE SECTIONS

PROPOSED: WETLAND ENHANCEMENT AND
RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER

AT: CITY OF KENMORE

COUNTY: KING

SHEET 24 **OF** 24

NWS-2020-434

DATE: 04/12/19