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:
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.
NWS-2019-434, Kenmore, City of (Squire’s Landing Park)

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 consists 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 with in the park. Excavation and grading would occur within the wetland buffer with combine 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.

<table>
<thead>
<tr>
<th>Impact Habitat</th>
<th>Area of Impact (SF)</th>
<th>Mitigation Type</th>
<th>Mitigation Ratio</th>
<th>Mitigation Area (SF)</th>
<th>Habitat Values and Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetlands</td>
<td>9,120</td>
<td>Wetland Creation</td>
<td>1:1</td>
<td>9,120</td>
<td>-High-quality, proper function wildlife habitat.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wetland Enhancement</td>
<td>6:1</td>
<td>54,820</td>
<td>-Improvements to water quality and hydrology.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-High-quality, proper functioning water quality function.</td>
</tr>
<tr>
<td>Buffer</td>
<td>16,080</td>
<td>Buffer Enhancement</td>
<td>1:1</td>
<td>16,630</td>
<td>-High-quality, proper function wildlife habitat.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-Support the wetland enchantment functions.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-Provides increased water quality by filtration of surface flows to wetlands and streams.</td>
</tr>
<tr>
<td>Total</td>
<td>25,200</td>
<td></td>
<td></td>
<td>80,570</td>
<td>SF= square feet</td>
</tr>
</tbody>
</table>

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

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
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)
NOTES

1. SURVEY BY PERTEET, INC. DATED 4-7-2017.
2. HORIZONTAL DATUM: WASHINGTON STATE NORTH NAD83, FEET
3. VERTICAL DATUM: NAVD88
5. PROJECT IS WITHIN SEISMIC HAZARD AREA, NO KNOWN FAULTS ARE WITHIN THE PROJECT AREA THAT COULD POTENTIALLY AFFECT THE PROPOSAL. SEE LANDAU 2017 GEO&HAEAL REPORT FOR MORE INFORMATION ON GEOHAZARDS.

PURPOSE:
APPLICATION BY:
VERTICAL DATUM:
PROPOSED:
SHEET OF
DATE:
NEAR:
AT:
COUNTY:
ADJACENT PROPERTY OWNERS:
EXISTING SITE PLAN

WATER LEVELS, FT. (NAVD88)
LAKE WASHINGTON HIGH WATER (HW) 18.6
LAKE WASHINGTON LOW WATER (LW) 16.75

EXISTING CURB CUT AND DEPRESSED SIDEWALK (TO BE REMOVED)
EXISTING UTILITY POLE TO BE RELOCATED
EXISTING TREES (TO BE REMOVED)
EXISTING WELLS (TO BE REMOVED)
EXISTING SIDEWALK
EXISTING CURB CUT AND DEPRESSED SIDEWALK (TO BE REMOVED)
EXISTING UTILITY POLE TO BE RELOCATED
EXISTING TREES (TO BE REMOVED)
EXISTING WELLS (TO BE REMOVED)
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EXISTING SIDEWALK
EXISTING CURB CUT AND DEPRESSED SIDEWALK (TO BE REMOVED)
EXISTING UTILITY POLE TO BE RELOCATED
EXISTING TREES (TO BE REMOVED)
EXISTING WELLS (TO BE REMOVED)
EXISTING SIDEWALK

SCALE: 1" = 100'

WATERFRONT PARK IMPROVEMENTS
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS
EXISTING SITE PLAN

FOR PERMITTING USE
NOT FOR CONSTRUCTION
CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS

PROPOSED SITE PLAN

FOR PERMITTING USE
NOT FOR CONSTRUCTION

SCALE: 1" = 100'

PURPOSE: WATERFRONT PARK IMPROVEMENTS
VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APPTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

HABITAT BENCH
HABITAT BENCH MOUND

LIMIT OF CONSTRUCTION
ORDINARY HIGH WATER MARK

LIMIT OF CONSTRUCTION, TYP.
SPLIT RAIL FENCE, TYP.

6' WIDE BOARDWALK, TYP.

6' CRUSHED GRAVEL PATH

WASH DOWN STATION
RESTROOM

WATERFRONT CONCRETE PLAZA

ELEVATED BOARDWALK, TYP.
60' SPAN, 8' WIDE BRIDGE

PLASTIC KAYAK FLOAT

WETLAND BUFFER

HABITAT BENCH
HABITAT BENCH MOUND

LIMIT OF CONSTRUCTION
ORDINARY HIGH WATER MARK

PARTITION FENCE

BOAT STORAGE AREA

CRUSHED GRAVEL PATH

EXISTING BOAT STORAGE

EXISTING FLOAT (TO REMAIN)

HAND CARRY BOAT ACCESS STA 4+10A

6' WIDE BOARDWALK, TYP.

VIEW DECK, TYP

ENVIRONMENTAL ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

EXISTING MATURE VEGETATION

WETLAND BOUNDARY

BOAT STORAGE AREA

CRUSHED GRAVEL PATH

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

APPLICATION BY:

CITY OF KENMORE

DATE: 4/12/19

FILE: pw://pimspwise.hmmg.cc:pw_ports_harbors/Documents/353381-CITY OF KENMORE WATERFRONT IMP/Drawings_Models/12_MA_Marine/7 - Design/CAD/F - Permit/353381 - Squires Plan and Sections.dwg

PURPOSE:
APPLICATION BY:
VERTICAL DATUM:
PROPOSED:
SHEET OF
DATE:
NEAR:
COUNTY:
ADJACENT PROPERTY OWNERS:

PROPOSED:
WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NWS-2020-434

COUNTY: KING

S12 T26N R04E

SAMMAMISH RIVER

HABITAT BENCHES, TYP.

LOG BOOM PARK IN-WATER MITIGATION AREA

LOG BOOM PARK IN-WATER MITIGATION AREA

SQUIRES LANDING PARK IN-WATER MITIGATION AREA

WASH DOWN STATION
WATERFRONT CONCRETE PLAZA

PICNIC PAVILION

BANK STABILIZATION

SHORELINE RESTORATION

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

SITE PLAN

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
COUNTY: KING
SHEET 4 OF 24
DATE: 4/12/19

SCALE: 1" = 100'

NOTE: CONTRACTOR SHALL USE HIGH-VISIBILITY FENCING TO CLEARLY MARK ADJACENT HABITAT TO BE AVOIDED IN THE CONSTRUCTION AREA.
CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS

ENLARGED SITE PLAN 1

FILE: pw://pimspwise.hmmg.cc:pw_ports_harbors/Documents/353381-CITY OF KENMORE WATERFRONT IMP/Drawings_Models/12_MA_Marine/7 - Design/CAD/F - Permit/353381 - Squires Plan and Sections.dwg

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APARTMENTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

APPLICATION BY: CITY OF KENMORE

PROPOSED: WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER
AT: CITY OF KENMORE
COUNTY: KING

SHEET 7 OF 24 DATE: 4/12/19

FOR PERMITTING USE
NOT FOR CONSTRUCTION
ELEVATION, FT (NAVD88)

DISTANCE, FT

10 15 20 25 30 35

10 15 20 25 30 35

0 10 20 30 40 50 60 70 80 90 100 110

10 15 20 25 30 35

0 10 20 30 40 50 60 70 80 90 100

110

ELEVATION, FT (NAVD88)

DISTANCE, FT

5 10 15 20 25 30 35

5 10 15 20 25 30 35

0 5 10 15 20 25

0 5 10 15 20 25

SCALE IN FEET

HAND CARRY BOAT ACCESS

GROUND DISTURBING ACTIVITIES FOR WETLAND CREATION

SHORELINE RESTORATION

BANK STABILIZATION

EROSION CONTROL FABRIC AND TOPSOIL

COIR LOG

COBBLE AND QUARRY SPALLS

SCALE IN FEET

NOTE: SEE SHEET 18 FOR PLANTING DETAILS

SHORELINE RESTORATION

ELEVATION, FT (NAVD88)

DISTANCE, FT

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APARTMENTS 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

CITY OF KENMORE
WATERFRONT ACCESS IMPROVEMENTS

PROPOSED: WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER
AT: CITY OF KENMORE
COUNTY: KING
SHEET 9 OF 24
DATE: 4/12/19

NWS-2020-434
BRIDGE SECTION & DETAILS 1

NOTE:
1. STRUCTURAL MEMBERS MAY BE ALUMINUM OR STEEL TUBE.
S12 T26N R04E

1. STRUCTURAL MEMBERS MAY BE ALUMINUM OR STEEL TUBE.

NOTE

FILE: pw://pimspwise.hmmg.cc:pw_ports_harbors/Documents/353381-CITY OF KENMORE WATERFRONT IMP/Drawings_Models/12_MA_Marine/7 - Design/CAD/F - Permit/353381 - Squires Plan and Sections.dwg

PURPOSE:
APPLICATION BY:
VERTICAL DATUM:
PROPOSED:
SHEET OF
DATE:
NEAR:
ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APARTMENTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS
APPLICATION BY: CITY OF KENMORE

4'/0" MAX OPENING
4'/0" FLOOR BEAM
ADA COMPLIANT FRP GRATING
FLOOR DIAGONAL

SECTION
8 FT WIDE BRIDGE

SCALE IN FEET
0 1 2

8'-0" CLEAR

TOP CHORD, TYP.
WEB, TYP.
HANDRAIL, TYP.
GUARDRAIL BARRIER, TYP.

DETAIL - PLAN VIEW
60 FT BRIDGE

SCALE IN FEET
0 1 2 5

60% OPEN AREA GRATING
BRIDGE SUPPORT MEMBERS
GRATING NOT SHOWN FOR CLARITY

SECTION
60 FT BRIDGE (SWAMP CREEK)

SCALE IN FEET
0 7.5 15

60'-0"

8'-0"

8'-0" CLEAR

7.5' FLOOR BEAM
GRATING NOT SHOWN FOR CLARITY

NOTE

1. STRUCTURAL MEMBERS MAY BE ALUMINUM OR STEEL TUBE.

PURPOSE: WATERFRONT PARK IMPROVEMENTS
VERTICAL DATUM: NAVD88
ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APARTMENTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS
APPLICATION BY: CITY OF KENMORE

PROPOSED: WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT
NEAR: SAMMAMISH RIVER
AT: CITY OF KENMORE
COUNTY: KING
SHEET 11 OF 24
DATE: 4/12/19

CITY OF KENMORE
SQUIRE'S LANDING PARK
WATERFRONT ACCESS IMPROVEMENTS
BRIDGE SECTION & DETAILS 2
**BOARDWALK SECTION & DETAILS**

**CITY OF KENMORE**

**SQUIRE'S LANDING PARK**

**WATERFRONT ACCESS IMPROVEMENTS**

**PURPOSE:** WATERFRONT PARK IMPROVEMENTS

**VERTICAL DATUM:** NAVD88

**ADJACENT PROPERTY OWNERS:**
1. SAMMAMISH RIVER APPTS LLC
2. DENNIS KROEGER
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. TRAIL WALK CONDOMINIUMS

**APPLICATION BY:** CITY OF KENMORE

**PROPOSED:** WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

**NEAR:** SAMMAMISH RIVER

**AT:** CITY OF KENMORE

**COUNTY:** KING

**SHEET 12 OF 24**

**DATE:** 4/12/19
CITY OF KENMORE
SQUIRE'S LANDING PARK
IMPROVEMENTS

MITIGATION/PLANTING
PROPOSED 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

PROPOSED: WATER ACCESS AND WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER
AT: CITY OF KENMORE
COUNTY: KING

NWS-2020-434

SITE PLAN

SCALE: 1" = 100'

0 50 100
CITY OF KENMORE
SQUIRE'S LANDING PARK
IMPROVEMENTS

MITIGATION/PLANTING
ENLARGED SITE PLAN 2

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

PROPOSED: WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

NEAR: SAMMAMISH RIVER
AT: CITY OF KENMORE
COUNTY: KING
SHEET 17 OF 24
DATE: 04/12/19

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APPTS 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 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
CITY OF KENMORE
SQUIRE'S LANDING PARK IMPROVEMENTS

MITIGATION/PLANTING
ENLARGED SITE PLAN 5

PURPOSE: WATERFRONT PARK IMPROVEMENTS

VERTICAL DATUM: NAVD88

ADJACENT PROPERTY OWNERS:
1. SAMMAMISH RIVER APARTS LLC
2. DENNIS KROEGER
3. DNR PARCEL NO. 122604HRDR
4. TRAIL WALK CONDOMINIUMS
5. NE 175TH STREET

APPLICATION BY: CITY OF KENMORE

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

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

FOR PERMITTING USE
NOT FOR CONSTRUCTION

WATERFRONT PARK IMPROVEMENTS WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

Site Plan

SCALE IN FEET

LEGEND
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

SQUIRE'S MITIGATION
LOG BOOM MITIGATION
SWAMP CREEK

SITE PLAN
0 40 80

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

#### TREES

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Variety</th>
<th>Size</th>
<th>Container</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Betula occidentalis</td>
<td>Water Birch</td>
<td>2 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
</tr>
<tr>
<td>Crataegus douglasii</td>
<td>Black Hawthorn</td>
<td>1 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
</tr>
<tr>
<td>Fraxinus latifolia</td>
<td>Oregon Ash</td>
<td>2 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
</tr>
<tr>
<td>Salix lucida</td>
<td>Pacific Willow</td>
<td>1&quot; Dia.</td>
<td>Livestake</td>
<td>12&quot; O.C.</td>
</tr>
<tr>
<td>Salix sitkensis</td>
<td>Sitka Willow</td>
<td>1&quot; Dia.</td>
<td>Livestake</td>
<td>12&quot; O.C.</td>
</tr>
<tr>
<td>Thuja plicata</td>
<td>Western Red Cedar</td>
<td>1 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
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</tbody>
</table>

#### SHRUBS/SHEBACEOUS

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Variety</th>
<th>Size</th>
<th>Container</th>
<th>Status</th>
</tr>
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<tbody>
<tr>
<td>Athyrium felix-femina</td>
<td>Lady Fern</td>
<td>1 Gal.</td>
<td>Container</td>
<td>3&quot; O.C.</td>
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<td>Cornus sericea</td>
<td>Red Twig Dogwood</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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<tr>
<td>Lonicera involucrata</td>
<td>Black Twinberry</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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<tr>
<td>Myrica californica</td>
<td>Pacific Wax Myrtle</td>
<td>1 Gal.</td>
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<tr>
<td>Myrica gale</td>
<td>Sweet Gale</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
</tr>
<tr>
<td>Physocarpus capitatus</td>
<td>Pacific Ninebark</td>
<td>5 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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<tr>
<td>Rosa nutkana</td>
<td>Nootka Rose</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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<tr>
<td>Rubus spectabilis</td>
<td>Salmonberry</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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<tr>
<td>Spiraea douglasii</td>
<td>Hardhack</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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</table>

#### OVER WATER HABITAT ENHANCEMENT PLANTS (HABITAT BENCH & RCO RESTORED ON MOUND)

<table>
<thead>
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<th>Plant Name</th>
<th>Variety</th>
<th>Size</th>
<th>Container</th>
<th>Status</th>
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<tbody>
<tr>
<td>Fraxinus latifolia</td>
<td>Oregon Ash</td>
<td>1 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
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<tr>
<td>Picea sitchens</td>
<td>Sitka Spruce</td>
<td>2 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
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<tr>
<td>Salix lucida ssp. lasiandra</td>
<td>Pacific Willow</td>
<td>1&quot; Dia.</td>
<td>Livestake</td>
<td>12&quot; O.C.</td>
</tr>
<tr>
<td>Salix sitkensis</td>
<td>Sitka Willow</td>
<td>1&quot; Dia.</td>
<td>Livestake</td>
<td>12&quot; O.C.</td>
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<tr>
<td>Thuja plicata</td>
<td>Western Red Cedar</td>
<td>2 Gal.</td>
<td>Container</td>
<td>8' - 12' O.C.</td>
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#### SHRUBS

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<tbody>
<tr>
<td>Cornus sericea</td>
<td>Red Twig Dogwood</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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<td>Myrica gale</td>
<td>Sweet Gale</td>
<td>1 Gal.</td>
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<td>Physocarpus capitatus</td>
<td>Pacific Ninebark</td>
<td>1 Gal.</td>
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<td>Rosa nutkana</td>
<td>Nootka Rose</td>
<td>1 Gal.</td>
<td>Container</td>
<td>3' - 4' O.C.</td>
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<tr>
<td>Rubus spectabilis</td>
<td>Salmonberry</td>
<td>1 Gal.</td>
<td>Container</td>
<td>3' - 4' O.C.</td>
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<td>Salix scouleriana</td>
<td>Scouler's Willow</td>
<td>1 Gal.</td>
<td>Container</td>
<td>3' - 4' O.C.</td>
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<td>Spiraea douglasii</td>
<td>Hardhack</td>
<td>1 Gal.</td>
<td>Container</td>
<td>4' - 6' O.C.</td>
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**FOR PERMITTING USE**

**NOT FOR CONSTRUCTION**

**WATER LEVELS, FT. (NAVD88)**

- Ordinary High Water (OHW): 18.6
- Lake Washington Low Water (LWD): 16.75

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**PURPOSE:** WATERFRONT PARK IMPROVEMENTS

**ADJACENT PROPERTY OWNERS:**
- Sammamish River Apartments LLC
- Dennis Kroeger
- DNR Parcel No. 122604HRDR
- Trail Walk Condominiums
- NE 175th Street

**APPLICATION BY:** City of Kenmore

**PROPOSED:** WETLAND ENHANCEMENT AND RIPARIAN HABITAT IMPROVEMENT

**NEAR:** Sammamish River

**AT:** City of Kenmore

**COUNTY:** King

**DATE:** 04/12/19

**SHEET 22 OF 24**

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**CITY OF KENMORE**

**SQUIRE’S LANDING PARK IMPROVEMENTS**

**MITIGATION/PLANTING PLANT SCHEDULE**
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<td>BETULA OCCIDENTALIS</td>
<td>WATER BIRCH</td>
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<td>8' - 12' O.C.</td>
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<td>CRATAEGUS DOUGLASII</td>
<td>BLACK HAWTHORN</td>
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<td>8' - 12' O.C.</td>
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<td>FRAXINUS LATIFOLIA</td>
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<td>SALIX LUCIDA</td>
<td>PACIFIC WILLOW</td>
<td>1&quot; DIA LIVESTAKE</td>
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<td>SALIX SITCHENSIS</td>
<td>SITKA WILLOW</td>
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<td>ATHYRIUM FELIX-FEMINA</td>
<td>LADY FERN</td>
<td>1 GAL. CONTAINER</td>
<td>3' O.C.</td>
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<td>CORNUS SERICEA</td>
<td>RED TWIG DOGWOOD</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>LONICERA INVOLUCRATA</td>
<td>BLACK TWINBERRY</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>MYRICA GALE</td>
<td>SWEET GALE</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>ROSA NUTKANA</td>
<td>NOOTKA ROSE</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>RUBUS SPECTABALIS</td>
<td>SALMONBERRY</td>
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<td>4' - 6' O.C.</td>
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<td>SPIRAEA DOUGLASII</td>
<td>HARDHack</td>
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<td>4' - 6' O.C.</td>
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<td><strong>ADDITIONAL LANDSCAPE RESTORATION PLANTS (BUFFER ENHANCEMENT AREAS AND FRONTAGE IMPROVEMENTS)</strong></td>
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<td>ABIES GRANDIS</td>
<td>GRAND FIR</td>
<td>5 GAL. CONTAINER</td>
<td>8' - 12' O.C.</td>
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<td></td>
<td>ACER CIRCINATUM</td>
<td>VINE MAPLE</td>
<td>2 GAL. CONTAINER</td>
<td>8' - 12' O.C.</td>
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<td></td>
<td>ACER MACROPHYLLUM</td>
<td>BIG LEAF MAPLE</td>
<td>1 GAL. CONTAINER</td>
<td>8' - 12' O.C.</td>
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<td>BETULA PAPYRIFERA</td>
<td>PAPER BIRCH</td>
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<td>8' - 12' O.C.</td>
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<td>CORNUS NUTALLII</td>
<td>PACIFIC DOGWOOD</td>
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<td>8' - 12' O.C.</td>
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<td>PSEUDOTSUGA MENZIESII</td>
<td>DOUGLAS FIR</td>
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<td>RHAMNUS PURSHIANA</td>
<td>CASCARA</td>
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<td>THUJA PLICATA</td>
<td>WESTERN RED CEDAR</td>
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<td>8' - 12' O.C.</td>
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<td><strong>SHRUBS/HERBACEOUS</strong></td>
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<td>AMELANCHIER ALNIFOLIA</td>
<td>WESTERN SERVICEBERRY</td>
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<td>4' - 6' O.C.</td>
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<td>HOLODISCUS DISCOLOR</td>
<td>OCEANSPRAY</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>LONICERA INVOLUCRATA</td>
<td>BLACK TWINBERRY</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>MAHONIA AQUIFOLIUM</td>
<td>TALL OREGON-GRAPE</td>
<td>1 GAL. CONTAINER</td>
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<td>OEMPLERIA CERASIFORMIS</td>
<td>INDIAN PLUM</td>
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<td>POLYSTICHUM MUNITUM</td>
<td>SWORD FERN</td>
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<td>MOCK ORANGE</td>
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<td>PHYSOCARPUS CAPITATUS</td>
<td>PACIFIC NINEBARK</td>
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<td>RIBES SANGUINEUM</td>
<td>RED FLOWERING CURRANT</td>
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<td>ROSA GYMNOCARPA</td>
<td>BALDHIP ROSE</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
<td>220</td>
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<td>ROSA NUTKANA</td>
<td>NOOTKA ROSE</td>
<td>2 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
<td>220</td>
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<td>RUBUS SPECTABALIS</td>
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<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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<td>SYMPHORICARPUS ALBUS</td>
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<td>VACCINIUM OVATUM</td>
<td>EVERGREEN HUCKLEBERRY</td>
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<td>VIBURNUM EDULE</td>
<td>HIGHBUSH CRANBERRY</td>
<td>1 GAL. CONTAINER</td>
<td>4' - 6' O.C.</td>
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