

GENERAL NOTES:

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH ALL KING COUNTY CODES, ORDINANCES, AND REGULATIONS. 2. BEFORE THE START OF ANY WORK, A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN KING **COUNTY**, THE OWNER, AND THE PLAN DESIGNER.
- 3. A COPY OF THESE APPROVED DRAWINGS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN
- 4. SITE CONDITIONS MAY VARY BASED ON SEASON AND/OR TIME OF YEAR. THE CONTRACTOR SHALL ACCOMMODATE REALIZED AND ANTICIPATED SITE CONDITIONS WHEN COMPLETING THE WORK SHOWN
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF THE WORK SHOWN ON THESE DRAWINGS. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE TRAFFIC CONTROL IN ACCORDANCE WITH ANY AND ALL KING COUNTY STANDARDS.

PLANT SCHEDULE:

ON THESE DRAWINGS.

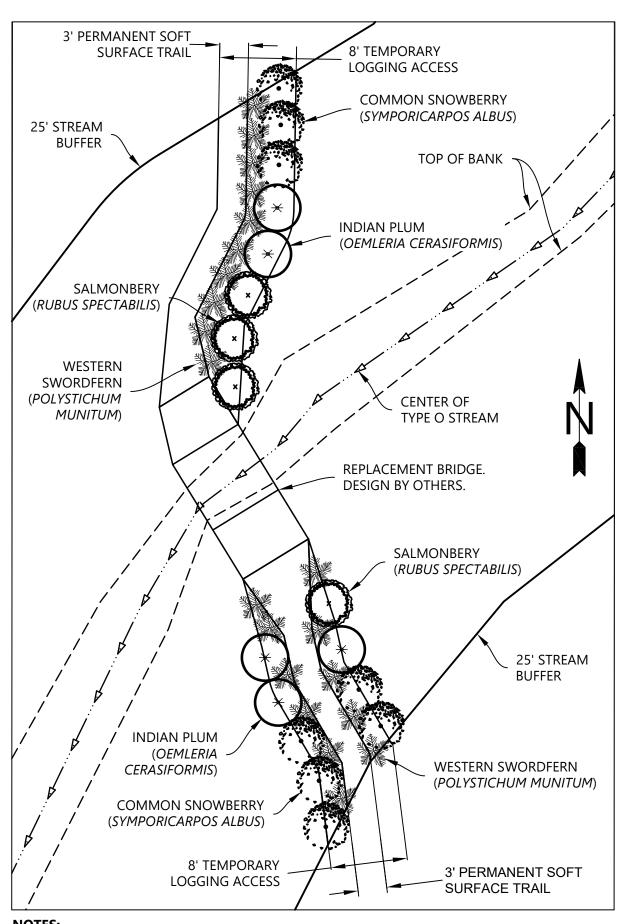
COMMON NAME	SCIENTIFIC NAME	SIZE/FORM	QTY	SPACING
IDIAN PLUM	OEMLERIA CERASIFORMIS	2 GAL. CONTAINERIZED	5	AS SHOWN
ALMONBERRY	RUBUS SPECTABILIS	2 GAL. CONTAINERIZED	4	AS SHOWN
OMMON SNOWBERRY	SYMPHORICARPOS ALBUS	2 GAL. CONTAINERIZED	8	AS SHOWN
ESTERN SWORDFERN	POLYSTICHUM MUNITUM	2 GAL. CONTAINERIZED	21	AS SHOWN
		TOTA	L 38	

PLANT INSTALLATION NOTES:

- 1. PLANT MATERIAL QUALITY AND LOCATIONS SHALL BE INSPECTED BY PLAN DESIGNER OR OWNER PRIOR TO **INSTALLATION**
- 2. PLANT LOCATIONS SHOWN ARE APPROXIMATE. ADJUST PLANT LOCATIONS TO ACCOMMODATE SITE CONDITIONS, TO PRESERVE AND PROTECT EXISTING NATIVE VEGETATION, AND/OR PER PLAN DESIGNER AT TIME OF INSTALLATION.
- 3. FOLLOWING PLANT INSTALLATION, PLACE AT THE BASE OF EACH INSTALLED PLANT.

PLANT MATERIAL SPECIFICATIONS:

- 1. PLANTS SHALL BE DERIVED FROM STOCK ACCLIMATED TO WESTERN WASHINGTON ENVIRONMENTAL CONDITIONS,
- 2. PLANTS SHALL BE NATIVE TO THE PACIFIC NORTHWEST, PREFERABLY THE PUGET SOUND REGION OF WASHINGTON STATE. PLANTS SHALL BE PROPAGATED FROM NATIVE STOCK. SALVAGED PLANTS ARE
- 3. SEE FOLLOWING WEBSITE FOR NATIVE PLANT SUPPLIERS:
- HTTP://WWW.KINGCOUNTY.GOV/SERVICES/ENVIRONMENT/STEWARDSHIP/NW-YARD-AND-GARDEN/NATIVE-PLANT-NURSERIES-WASHINGTON.ASPX
- 4. PLANTS SHALL BE NORMAL IN PATTERN OF GROWTH, HEALTHY, WELL-BRANCHED AND HAVE ALL LEADERS AND BUDS INTACT. TREES SHALL NOT HAVE SUNSCALDS, DISFIGURING KNOTS, FRESH CUTS OF LIMBS, DAMAGED LEADERS, AND/OR DEFORMED TRUNKS.
- 5. CONTAINERIZED PLANT STOCK SHALL BE GROWN IN A CONTAINER LONG ENOUGH TO DEVELOP A ROOT SYSTEM THAT REACHES THE EDGES OF THE CONTAINER IN WHICH IT HAS GROWN. TREES AND SHRUBS SHALL BE WELL ROOTED AND SHALL HAVE SUFFICIENT ROOT MASS TO HOLD TOGETHER THE SOIL, IN WHICH PLANT IS GROWING, WHEN REMOVED FROM THE POT.



THE RESTORATION PLANTINGS SHOWN IN THIS DETAIL ARE REQUIRED ONLY IF THE EXISTING VEGETATION WITHIN THE TEMPORARY LOGGING ACCESS DOES NOT RE-GROW DURING THE FIRST

BUFFER RESTORATION CONTINGENCY

MITIGATION PLAN GOALS, MONITORING SCHEDULE, & STANDARDS:

MITIGATION PLAN GOALS, MONITORING SCHEDULE, AND PERFORMANCE STANDARDS ARE OUTLINED BELOW.

THE GOALS OF THIS PLAN ARE CONSIDERED ACHIEVED WHEN THE PERFORMANCE STANDARDS ARE SATISFIED **SCHEDULE** PERFORMANCE STANDARDS **GOAL/OBJECTIVE** TO SUCCESSFULLY AUGUST OR SEPTEMBER 100% SURVIVAL BY INSTALLED PLANT STOCK **RESTORE CRITICAL AREA** OF **YEARS 1, 2, & 3** AFTER THE FIRST GROWING SEASON (YEAR 1). **BUFFERS BY INSTALLING** FOLLOWING PLANT DENSE NATIVE INITIAL INSTALLATION **85% SURVIVAL** BY INSTALLED PLANT STOCK

PLANTINGS. AFTER THE THIRD GROWING SEASON (YEAR 3) **AUGUST OR SEPTEMBER** LESS THAN 10% COVERAGE BY CLASS "A", "B", MAINTAIN LIMITED OF **YEARS 1, 2, & 3** AND "C" NOXIOUS WEEDS INCLUDING **NOXIOUS WEED COVERAGE WITHIN** FOLLOWING PLANT NON-REGULATED "B" AND "C" NOXIOUS **RESTORED CRITICAL** INITIAL INSTALLATION WEEDS AND "WEEDS OF CONCERN". AREA BUFFERS

MONITORING PLAN:

AS-BUILT

FOLLOWING COMPLETION OF THE WORK SHOWN ON THIS PLAN, THE LANDOWNER SHALL PREPARE AN AS-BUILT OF THE COMPLETED WORK. THE AS-BUILT SHALL SUMMARIZE THE COMPLETED WORK AS WELL AS ANY DEVIATIONS FROM THE APPROVED VERSION OF THIS PLAN. BASELINE MONITORING DATA SHALL BE COLLECTED AND PERMANENT PHOTO POINTS AT THE TIME OF THE AS-BUILT AND SHALL BE ESTABLISHED TO PHOTOGRAPHICALLY DOCUMENT REPRESENTATIVE CONDITIONS WITHIN EACH BUFFER RESTORATION AREA BASELINE MONITORING DATA COLLECTED AND REPORTED AS PART OF THE AS-BUILT SHALL BE CONSISTENT WITH THAT DESCRIBED FOR "ANNUAL MONITORING" (SEE BELOW). THE AS-BUILT AND BASELINE MONITORING DATA SHALL BE SUBMITTED TO KING COUNTY NO LATER THAN 30 DAYS FROM THE DATE THAT THE WORK SHOWN ON THIS PLAN HAS BEEN COMPLETED

ANNUAL MONITORING (3 YEARS)

THE LANDOWNER SHALL COMPLETE ANNUAL MONITORING FOR A PERIOD OF THREE (3) YEARS. MONITORING SHALL COMPRISE A SITE INVESTIGATION IN AUGUST OR SEPTEMBER AND REPORTING TO KING **COUNTY** NO LATER THAN **30 DAYS** FOLLOWING EACH MONITORING. THE PURPOSE OF THE SITE INVESTIGATION IS TO EVALUATE CONDITIONS WITHIN EACH MITIGATION AREA PER THE CURRENT YEAR'S PERFORMANCE STANDARDS. THE FOLLOWING INFORMATION SHALL BE COLLECTED AND ASSESSED RELATIVE TO THE PERFORMANCE STANDARDS ESTABLISHED FOR THE PROJECT:

- THE PERCENT SURVIVAL OF INSTALLED PLANT STOCK (ALL YEARS). A DIRECT COUNT INVENTORY AND ASSESSMENT OF ALL INSTALLED PLANTS SHALL BE USED TO EVALUATE PERCENT SURVIVAL. THE RATIONALE FOR POOR CONDITIONS, IF PRESENT, WILL BE DETERMINED TO THE EXTENT FEASIBLE.
- THE PERCENT COVERAGE PROVIDED BY NOXIOUS WEED SPECIES (ALL YEARS). INSTALLED PLANT STOCK PERCENT COVERAGE SHALL BE ASSESSED USING APPROPRIATELY SIZED SAMPLE PLOTS OR LINE INTERCEPT TRANSECTS.

IN ADDITION TO THE ABOVE INFORMATION, PHOTOGRAPHS OF BUFFER ENHANCEMENT AREAS SHALL BE TAKEN FROM THE PERMANENT PHOTO POINTS ESTABLISHED DURING THE AS-BUILT.

MAINTENANCE PLAN:

INSTALLED PLANTS SHALL BE MAINTAINED AT REGULAR INTERVALS DURING THE MONITORING PERIOD TO PROMOTE THE SUCCESSFUL ESTABLISHMENT AND VIGOROUS GROWTH OF THE INSTALLED PLANT STOCK. GENERAL MAINTENANCE SHALL INCLUDE:

- 1. RE-APPLYING BARK MULCH TO MAINTAIN A 6" MINIMUM APPLIED THICKNESS YEAR 1 ONLY.
- 2. THE PRUNING OF INSTALLED PLANTS TO REMOVE DEAD WOOD AND PROMOTE VIGOROUS PLANT GROWTH AND PROPER FORM.
- 3. THE REPLACEMENT OF PLANTS THAT APPEAR TO BE IN DISTRESS AND/OR DISEASED.
- 4. THE REMOVAL OF TRASH, LITTER, AND/OR OTHER NON-DECOMPOSING DEBRIS.

GENERAL MAINTENANCE WORK SHALL OCCUR MONTHLY DURING THE GROWING SEASON AND/OR AT A FREQUENCY OTHERWISE NECESSARY TO ENSURE THE SUCCESSFUL ESTABLISHMENT AND VIGOROUS GROWTH OF THE INSTALLED PLANTS.

TEMPORARY IRRIGATION:

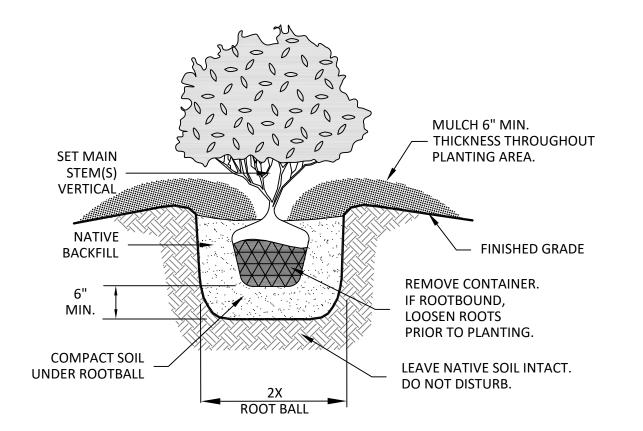
TEMPORARY IRRIGATION SHALL BE PROVIDED FOR TWO (2) GROWING SEASONS FOLLOWING PLANT INSTALLATION. IRRIGATION SHALL BE APPLIED IN A MANNER THAT MAINTAINS PLANT HEALTH, PREVENTS WILTING, AND PROMOTES DEEP PLANT ROOT SYSTEMS

CONTINGENCY PLAN:

SHOULD ANY MONITORING ASSESSMENT REVEAL THAT THE PERFORMANCE STANDARDS FOR THE RESPECTIVE YEAR ARE NOT SATISFIED, THE PERMITTEE SHALL WORK WITH THE KING COUNTY TO DEVELOP A CONTINGENCY PLAN TO ADDRESS THE DEFICIENCY(IES). CONTINGENCY PLANS CAN INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING ACTIONS:

- 1. ADDITIONAL PLANT INSTALLATION:
- EROSION CONTROL;
- HERBIVORY PROTECTION;
- 4. MODIFICATION TO THE IRRIGATION REGIME; AND/OR 5. PLANT SUBSTITUTIONS OF TYPE, SIZE, QUANTITY, AND LOCATION.

SUCH CONTINGENCY PLAN SHALL BE SUBMITTED TO KING COUNTY BY DECEMBER 31 OF ANY YEAR WHEN DEFICIENCIES ARE DISCOVERED. UNLESS OTHERWISE APPROVED BY KING COUNTY, ACTIONS SPECIFIED ON AN APPROVED CONTINGENCY PLAN MUST BE COMPLETED WITHIN 60 DAYS. IF THE FAILURE IS SUBSTANTIAL, KING COUNTY MAY EXTEND THE COMPLIANCE MONITORING PERIOD FOR THE ENHANCEMENT WORK.



PLANT INSTALLATION DETAIL



Evergreen AquaticResource Consultants, LLC PO BOX 1721

ISSAQUAH, WASHINGTON 98027

TEL - (425) 677-7166 WWW.EVERGREENARC.COM

DESCRIPTION

NO DATE

07/27/20 REVISED PER COUNTY REVIEW



THE UNDERGROUND ROUTING AND CONDITION OF BURIED UTILITIES HAS NOT BEEN VERIFIED OR CONFIRMED. FIELD LOCATE, VERIFY DEPTH OF, AND ADEQUATELY PROTECT ALL UTILITIES PRIOR TO THE START OF WORK.

DWEL20-0033

PERMIT NO:

APPROVED BY:

DATE:

PROJECT:

AQUATIC **AREA BUFFER MITGATION PLAN**

PROPOSED SMYTH SINGLE-FAMILY RESIDENCE

3XXXX SE 47TH STREET SNOQUALMIE, WA 98065

KING COUNTY TAX PARCEL: 182408-9048

PREPARED FOR:

MIKE SMYTH **3832 134TH AVENUE NE** BELLEVUE, WA 98005

SHEET TITLE:

PLANTING PLAN, **MONITORING** PLAN, NOTES, **AND DETAILS**

> PROJECT NO: **20018** DATE: **06/19/2020**

SHEET NUMBER