TEMPORARY EROSION AND SEDIMENT CONTROL NOTES

1. The implementation, construction, maintenance, replacement and updating of temporary erosion and sediment control facilities is the responsibility of the contractor until the construction is approved.

2. The temporary erosion and sediment control facilities shall be designed to control flow from surface water drainage systems and adjacent properties.

3. The temporary erosion and sediment control facilities shown on the plan may be used in conjunction with all other erosion and sediment control measures to ensure that their discharge to surface water, drainage systems, and adjacent properties is minimized.

4. The temporary erosion and sediment control facilities shall be inspected daily by the contractor and maintained to ensure continued proper functioning.

5. Any area needing temporary erosion and sediment control measures not requiring immediate attention shall be inspected within 15 days.

6. The temporary erosion and sediment control facilities shall be inspected and maintained a minimum of once a month or within 15 days of any event that could affect the effectiveness of the facilities.
**LEGEND**

- Zone 1 - Lake fringe emergent wetland (Phase II)
- Zone 2 - Slough emergent wetland (Phase I)
- Zone 3 - Shrub wetland (Phase II)
- Zone 4 - Upland shrub and tree (Phase I)

**Interplanted conifer (approximate location)**

**Temporary irrigation**

**Approximate toe of restored shoreline**

**Proposed irrigation system schematic**

(See Note 2)

**Note:**
1. Remove all non-natives including Himalayan Blackberry, Tansy Ragwort, Brown Canary Grass, and others. Replace with native species.
2. This shows schematic of proposed temporary irrigation system. This is not to scale and will be finalized in 100% design drawings. This will tie into existing City Parks sprinkler control system and water main.
3. Only zones two and four will be planted during this phase, Phase II.

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**Zone 1: Lake Fringe Emergent**

- **Size:** 3,452 sq. ft.
- **Plants:**
  - Small fruited bulrush (Scirpus microcarpus)
  - Hardstem bulrush (Carex [Schoenoplectus] acutus)
  - Common spikerush (Eleocharis palustris)
  - Lakeshore sedge (Carex lenticularis)

**Planting Notes:**
- Plant plugs at 2 feet on center random pattern
- Plant plugs at 2 feet on center in drier area near slough

**Total Plants in Zone 1:** 870

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**Zone 2: Slough Emergent Wetland**

- **Size:** 1,161 sq. ft.
- **Plants:**
  - Dagger-leaved rush (Distichlis spicata)
  - Slough sedge (Carex obnupta)
  - Reed mannagrass (Glyceria grandis)
  - Slender rush (Juncus tenuis)

**Planting Notes:**
- Plant plugs at 2 feet on center intermix with other species

**Total Plants in Zone 2:** 290

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**Zone 3: Shrub Wetland**

- **Size:** 4,164 sq. ft.
- **Plants:**
  - Sitka willow (Salix sitchensis)
  - Pacific willow (Salix lucida var. lasiandra)

**Planting Notes:***
- Live stakes - Plant plugs at 2 feet on center, random pattern, intermix with other species

**Total Plants in Zone 3:** 1,060

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**Zone 4: Upland Shrub and Tree**

- **Size:** 3,216 sq. ft.
- **Plants:**
  - Snowberry (Symphoricarpos albus)
  - Salmonberry (Rubus spectabilis)
  - Clustered rose (Rosa pisocarpa)
  - Western red cedar (Thuja plicata)
  - Douglas fir (Pseudotsuga menziesii)

**Planting Notes:**
- Plugs or 1 gal. - Under plant trees where trails have been created and in open spaces per on-site biologist

**Total Plants in Zone 4:** 380

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**Total of all plants:** 2,600

1. If plants are not available, other comparable species can be substituted with approval from WDNR.

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**Note:**
1. Remove all non-natives including Himalayan Blackberry, Tansy Ragwort, Reed Canary Grass, and others. Replace with native species.
2. This shows schematic of proposed temporary irrigation system. This is not to scale and will be finalized in 100% design drawings. This will tie into existing City Parks sprinkler control system and water main.
3. Only zones two and four will be planted during this phase, Phase II.
NOTES:

1. THE RECOMMENDED TIME FOR PLANT INSTALLATION IS EARLY FALL BETWEEN OCTOBER 1 AND NOVEMBER 15.
2. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH ALL PARTICIPATING PARTIES PRIOR TO COMMENCEMENT OF WORK IN THE PLANTING AREAS TO REVIEW THE PROJECT GOALS, PLANTING DETAILS, SITE CONDITIONS, CLEARING/EXCAVATION LIMITS, AND CONSTRUCTION SEQUENCING.
3. CONTRACTOR SHALL REMOVE ANY REMAINING INVASIVE SPECIES THROUGHOUT THE PLANTING AREA, INCLUDING BUT NOT LIMITED TO BLACKBERRY, BINDWEEED, AND NON-NATIVE GRASSES USING MACHINERY OR BY HAND. ON-SITE SOIL CONTAINING INVASIVE PLANT SPECIES SHALL NOT BE REUSED WITHIN THE PLANTING AREAS.
4. AN APPROXIMATELY 4-INCH-DEEP LAYER OF MULCH SHALL BE PLACED IN A RING AROUND UPLAND PLANTS IN THE AREA ABOVE THE OHW LINE FOR EROSION CONTROL, WEED PREVENTION, AND MOISTURE RETENTION.
5. ALL SOIL AND MULCH SHALL BE CERTIFIED FREE OF MATERIAL TOXIC TO PLANT GROWTH AND NOXIOUS WEED SEEDS.
6. ONLY ZONES ONE AND THREE WILL BE PLANTED DURING THIS PHASE, PHASE II.

PLANT SPECIFICATIONS AND INSTALLATION:

1. ALL PLANTS AND PLANTING ACTIVITIES SHALL CONFORM TO LANDSCAPE INDUSTRY STANDARDS. PLANT STOCK SHALL BE FREE OF DEFECTS, DISEASE, INFESTATIONS, AND SHALL BE HEALTHY. THE OWNER OR OWNER'S REPRESENTATIVE MAY REQUIRE REPLACEMENT OR SUBSTITUTION OF ANY UNACCEPTABLE PLANTS. PLANT STOCK SHALL BE OBTAINED FROM A NURSERY LICENSED TO SELL PLANTS IN WASHINGTON; PLANT STOCK SHALL BE LOCALLY GROWN IN WESTERN WASHINGTON.
2. THE OWNER OR REPRESENTATIVE SHALL BE PRESENT TO INSPECT PLANTS BEFORE THEY ARE INSTALLED AND THE OWNER CAN REJECT PLANTS IF THEY DO NOT MEET THE INDUSTRY STANDARD. CONTRACTOR SHALL PROVIDE OWNER A COPY OF THE PLANT RECEIPTS THAT INCLUDES THE NUMBER PURCHASED. DURING INSPECTION PLANTS NEED TO BE ORGANIZED TO ALLOW FOR EASY INSPECTION AND COUNT.
3. ALL PLANT STOCK SHALL BE HANDLED WITH CARE TO ENSURE PROTECTION FROM INJURY. PLANTS SHALL BE KEPT MOIST AND STORED IN A SHADED AREA UNTIL INSTALLATION WHILE BEING STORED ON THE PROJECT SITE. BEFORE AND AFTER PLANTING, SOIL IN THE PLANTING PITSHALL BE SATURATED.
4. FOLLOWING EARTHWORK, THE PLANTINGS SHALL BE INSTALLED PER THE SPECIES, QUANTITIES, SIZES, GROUPING AND SPACING IDENTIFIED IN THE PLANT SCHEDULE.
5. PLANTS SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON PLAN (UPLAND OR RIPARIAN AREAS).
6. ZONES 1, 2, AND 4:
   a. EXCAVATE PLANTING PITS AS SHOWN IN DETAIL 1. GENTLY LOOSEN ROOTS OF CONTAINERIZED PLANT STOCK PRIOR TO PLANTING.
   b. BACKFILL PLANTING PITS WITH CERTIFIED WEED FREE TOPSOIL/SAND MIX. NO CHEMICALS SHALL BE ADDED TO THE BACKFILL SOIL.
   c. WATER EACH PLANT THOROUGHLY AFTER PLANTING IN ORDER TO ELIMINATE AIR POCKETS AND AID IN NATURAL SOIL COMPACTION.
7. ZONE 3:
   a. HARVEST AND PLANT STAKES DURING THE DORMANT SEASON.
   b. MAKE CLEAN CUTS AND DO NOT DAMAGE STAKES OR SPLIT ENDS DURING INSTALLATION. USE A PILOT BAR IN FIRM SOILS.
   c. SOAK CUTTINGS CONTINUOUSLY PRIOR TO INSTALLATION.
   d. TAMP THE SOIL AROUND THE STAKE.
   e. ONLY NURSERY GROWN STOCK SHALL BE USED. HARVESTING OF WILD PLANTS IS NOT ACCEPTABLE.
   f. USE EQUAL NUMBER AND EVEN DISTRIBUTION OF EACH WILLOW SPECIES.
   g. INSTALL WILLOW PER PLANTING DETAIL 3.