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PLANTING GENERAL NOTES

| NOTE # | DESCRIPTION |
|--------|---|
| 1 | ALL NEWLY PLANTED BUFFER AREA AND LAWN AREAS SHALL BE IRRIGATED. WETLAND AREAS SHALL NOT BE IRRIGATED. REFER TO IRRIGATION PLANS. |
| 2 | ALL LAWN AREAS SHALL RECEIVE IMPORT TOPSOIL. REFER TO SPECIFICATIONS FOR SOIL DEPTH, TYPE AND PREPARATION REQUIREMENTS. |
| 3 | NEW TREE, SHRUB, AND GROUND COVER PLANTING SHALL RECEIVE TOPSOIL FOR PIT PLANTING ONLY. REFER TO SPECIFICATIONS FOR SOIL TYPE AND PREPARATION REQUIREMENTS. |
| 4 | MULCH ALL BUFFER PLANTING AREAS. REFER TO SPECIFICATIONS FOR MULCH TYPE AND DEPTH. |
| 5 | ALL PLANT MATERIAL MUST BE REVIEWED IN THE FIELD, AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. |
| 6 | THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS IN THE FIELD PRIOR TO PLANTING. TREE LOCATIONS ARE SUBJECT TO MODIFICATION BY LANDSCAPE ARCHITECT. |
| 7 | ALL TREE LOCATIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. |
| 8 | STAKE ALL DECIDUOUS TREES 2" CAL. OR GREATER. REFER TO DETAIL(S). |
| 9 | GUY ALL CONIFEROUS TREES 2" CAL. OR GREATER. REFER TO DETAIL(S). |
| 10 | ALL PLANTS SHALL BE LAID OUT IN THE FIELD PER THE PLANS. LAYOUT SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. |
| 11 | PLANT QUANTITIES SHOWN ON PLANS TAKE PRECEDENT OVER PLANT QUANTITIES PROVIDED IN PLANT SCHEDULE. |
| 12 | IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PLANTING TO MEET SPACING REQUIREMENTS AND PLANT LAYOUT SHOWN. |
| 13 | ALL BUFFER PLANTING AREA FINISH GRADES (TOP OF MULCH) SHALL BE 1" BELOW ADJACENT PAVED SURFACES UNLESS NOTED OR DIRECTED OTHERWISE. |
| 14 | EXISTING TREE PROTECTION MEASURES SHALL TAKE PRECEDENCE OVER SOIL PREPARATION AND PLANTING REQUIREMENTS. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. WHERE A DISCREPANCY EXISTS, SOIL PREPARATION AND PLANTING WITHIN TREE PROTECTION MEASURES SHALL BE ONLY AS APPROVED OR DIRECTED BY THE LANDSCAPE ARCHITECT. |
| 15 | PLANTING SHALL HAVE 3'-0" O.C. SPACING, WITH TREES @ 9'-0" O.C., SHRUBS @ 6'-0" O.C. & GROUND COVER @ 3'-0" O.C. |
| 16 | REFER TO MITIGATION PLANS FOR PLANTING BY AREA TYPE (BUFFER, WETLAND, NO MOW SEED MIX, STREAM). |
| 17 | COMPLETE PLANTING PLAN (WITH SHRUB & GROUND COVER LAYOUT) WILL BE PROVIDED WITH 90% SUBMITTAL. |

PH I

BUFFER PLANT SCHEDULE (10,383 SF)

2 GAL. SHRUBS @ 6'-0" O.C. (Quantity: 167)
 RED FLOWERING CURRANT / RIBES SANGUINEUM (33)
 TALL OREGON GRAPE / MAHONIA AQUIFOLIUM (33)
 OCEANSPRAY / HOLODISCUS DISCOLOR (33)
 PACIFIC YEW / TAXUS BREVIFOLIA (34)
 OSOBERRY / OEMLERIA CERASIFORMIS (34)

1 GAL. GROUND COVER @ 3'-0" O.C. (Quantity: 666)
 SNOWBERRY / SYMPHORICARPOS ALBUS (133)
 LOW OREGON GRAPE / MAHONIA NERVOSA (133)
 SWORD FERN / POLYSTICHUM MUNTUM (133)
 SALAL / GAULTHERIA SHALLON (133)
 TUFTED HAIRGRASS / DESCHAMPSIA CESPITOSA (134)

WETLAND PLANT SCHEDULE (6,955 SF)

2 GAL. SHRUBS @ 6'-0" O.C. (Quantity: 112)
 PACIFIC NINEBARK / PHYSOCARPUS CAPITATUS (28)
 TWINBERRY / LONICERA INVOLUCRATA (28)
 SALMONBERRY / RUBUS SPECTABILIS (28)
 RED TWIG DOGWOOD / CORNUS SERICEA (28)

1 GAL. GROUND COVER @ 3'-0" O.C. (Quantity: 446)
 SLOUGH SEDGE / CAREX OBNUPA (111)
 SMALL-FLOWERED BULRUSH / SCIRPUS MICROCARPUS (111)
 LADY FERN / ATHYRIUM FELIX-FEMINA (112)
 SKUNK CABBAGE / LYSICHTON AMERICANUS (112)

NO MOW SEED MIX (6,828 SF)

SOLD AS PRO TIME 404 BY HOBBS AND HOPKINS, PORTLAND, OREGON

5% WESTERN YARROW / ACHILLEAN MILLEFOLIUM
 55% CALIFORNIA BROME / BROMUS CARINATUS
 25% BLUE BILDREYE / ELYMUS GLAUCUS
 15% SICK KEELED LUPINE / LUPINUS ALBAUCAULUS

SEED AT THE RATE OF 40 LBS PER ACRE

PH II

BUFFER PLANT SCHEDULE (14,718 SF)

2 GAL. SHRUBS @ 6'-0" O.C. (Quantity: 236)
 RED FLOWERING CURRANT / RIBES SANGUINEUM (47)
 TALL OREGON GRAPE / MAHONIA AQUIFOLIUM (47)
 OCEANSPRAY / HOLODISCUS DISCOLOR (47)
 PACIFIC YEW / TAXUS BREVIFOLIA (47)
 OSOBERRY / OEMLERIA CERASIFORMIS (48)

1 GAL. GROUND COVER @ 3'-0" O.C. (Quantity: 944)
 SNOWBERRY / SYMPHORICARPOS ALBUS (188)
 LOW OREGON GRAPE / MAHONIA NERVOSA (189)
 SWORD FERN / POLYSTICHUM MUNTUM (189)
 SALAL / GAULTHERIA SHALLON (189)
 TUFTED HAIRGRASS / DESCHAMPSIA CESPITOSA (189)

WETLAND PLANT SCHEDULE (7,143 SF)

2 GAL. SHRUBS @ 6'-0" O.C. (Quantity: 115)
 PACIFIC NINEBARK / PHYSOCARPUS CAPITATUS (28)
 TWINBERRY / LONICERA INVOLUCRATA (29)
 SALMONBERRY / RUBUS SPECTABILIS (29)
 RED TWIG DOGWOOD / CORNUS SERICEA (29)

1 GAL. GROUND COVER @ 3'-0" O.C. (Quantity: 458)
 SLOUGH SEDGE / CAREX OBNUPA (114)
 SMALL-FLOWERED BULRUSH / SCIRPUS MICROCARPUS (114)
 LADY FERN / ATHYRIUM FELIX-FEMINA (115)
 SKUNK CABBAGE / LYSICHTON AMERICANUS (115)

NO MOW SEED MIX (3,121 SF)

SOLD AS PRO TIME 404 BY HOBBS AND HOPKINS, PORTLAND, OREGON

5% WESTERN YARROW / ACHILLEAN MILLEFOLIUM
 55% CALIFORNIA BROME / BROMUS CARINATUS
 25% BLUE BILDREYE / ELYMUS GLAUCUS
 15% SICK KEELED LUPINE / LUPINUS ALBAUCAULUS

SEED AT THE RATE OF 40 LBS PER ACRE

STREAM PLANT SCHEDULE (326 SF)

2 GAL. SHRUBS @ 6'-0" O.C. (Quantity: 5)
 SALMONBERRY / RUBUS SPECTABILIS
 TWINBERRY / LONICERA INVOLUCRATA

1 GAL. GROUND COVER @ 3'-0" O.C. (Quantity: 21)
 LADY FERN / ATHYRIUM FELIX-FEMINA
 DEER FERN / BLECHNUM SPICANT

NOTE:

- THE PROJECT WORK INCLUDES BOTH PHASE I AND PHASE II PLANTING.

| Tree Planting Schedule - Buffer (PH I) | | | | | | | |
|--|------------|-----------|-----------------------|-------------------------|--------|------------|----------|
| Count | Type Image | Type Mark | Type | Description | Size | Spacing | Comments |
| 7 | | AC | ACER CIRCINATUM | VINE MAPLE | 5 GAL. | 9'-0" O.C. | |
| 3 | | AM | ACER MACROPHYLLUM | BIG LEAF MAPLE | 5 GAL. | 9'-0" O.C. | |
| 7 | | CN | CORNUS NUTTALLII | WHITE FLOWERING DOGWOOD | 5 GAL. | 9'-0" O.C. | |
| 11 | | FL | FRAXINUS LATIFOLIA | OREGON ASH | 5 GAL. | 9'-0" O.C. | |
| 17 | | PM | PSEUDOTSUGA MENZIESII | DOUGLAS FIR | 5 GAL. | 9'-0" O.C. | |
| 17 | | TP | THUJA PLICATA | WESTERN RED CEDAR | 5 GAL. | 9'-0" O.C. | |

Grand total: 62

| Tree Planting Schedule - Buffer (PH II) | | | | | | | |
|---|------------|-----------|-----------------------|-------------------------|--------|------------|----------|
| Count | Type Image | Type Mark | Type | Description | Size | Spacing | Comments |
| 52 | | AC | ACER CIRCINATUM | VINE MAPLE | 5 GAL. | 9'-0" O.C. | |
| 50 | | AM | ACER MACROPHYLLUM | BIG LEAF MAPLE | 5 GAL. | 9'-0" O.C. | |
| 50 | | CN | CORNUS NUTTALLII | WHITE FLOWERING DOGWOOD | 5 GAL. | 9'-0" O.C. | |
| 27 | | FL | FRAXINUS LATIFOLIA | OREGON ASH | 5 GAL. | 9'-0" O.C. | |
| 40 | | PM | PSEUDOTSUGA MENZIESII | DOUGLAS FIR | 5 GAL. | 9'-0" O.C. | |
| 26 | | TP | THUJA PLICATA | WESTERN RED CEDAR | 5 GAL. | 9'-0" O.C. | |

Grand total: 245

| Tree Planting Schedule - Wetland (PH I) | | | | | | | |
|---|------------|-----------|---------------------|--------------------|--------|------------|----------|
| Count | Type Image | Type Mark | Type | Description | Size | Spacing | Comments |
| 17 | | MF | MALUS FUSCA | PACIFIC CRAB APPLE | 5 GAL. | 9'-0" O.C. | |
| 15 | | PS | PICEA SITCHENSIS | SITKA SPRUCE | 5 GAL. | 9'-0" O.C. | |
| 25 | | PB | POPULUS BALSAMIFERA | BLACK COTTONWOOD | 5 GAL. | 9'-0" O.C. | |
| 23 | | TP | THUJA PLICATA | WESTERN RED CEDAR | 5 GAL. | 9'-0" O.C. | |

Grand total: 80

| Tree Planting Schedule - Replacement Trees (PH I) | | | | | | | |
|---|------------|-----------|-----------------------|-------------------|-----------------|------------|----------|
| Count | Type Image | Type Mark | Type | Description | Size | Spacing | Comments |
| 1 | | PS 2" | PICEA SITCHENSIS 2 | SITKA SPRUCE | 2" CAL./GREATER | 9'-0" O.C. | |
| 3 | | PB 2" | POPULUS BALSAMIFERA 2 | BLACK COTTONWOOD | 2" CAL./GREATER | 9'-0" O.C. | |
| 1 | | TP 2" | THUJA PLICATA 2 | WESTERN RED CEDAR | 2" CAL./GREATER | 9'-0" O.C. | |

Grand total: 5

| Tree Planting Schedule - Replacement Trees (PH II) | | | | | | | |
|--|------------|-----------|-------------------------|-------------------------|-----------------|------------|----------|
| Count | Type Image | Type Mark | Type | Description | Size | Spacing | Comments |
| 2 | | AC 2" | ACER CIRCINATUM 2 | VINE MAPLE | 2" CAL./GREATER | 9'-0" O.C. | |
| 1 | | AM 2" | ACER MACROPHYLLUM 2 | BIG LEAF MAPLE | 2" CAL./GREATER | 9'-0" O.C. | |
| 2 | | CN 2" | CORNUS NUTTALLII 2 | WHITE FLOWERING DOGWOOD | 2" CAL./GREATER | 9'-0" O.C. | |
| 1 | | FL 2" | FRAXINUS LATIFOLIA 2 | OREGON ASH | 2" CAL./GREATER | 9'-0" O.C. | |
| 1 | | PM 2" | PSEUDOTSUGA MENZIESII 2 | DOUGLAS FIR | 2" CAL./GREATER | 9'-0" O.C. | |

Grand total: 7

| Tree Planting Schedule - Wetland (PH II) | | | | | | | |
|--|------------|-----------|---------------------|--------------------|--------|------------|----------|
| Count | Type Image | Type Mark | Type | Description | Size | Spacing | Comments |
| 21 | | MF | MALUS FUSCA | PACIFIC CRAB APPLE | 5 GAL. | 9'-0" O.C. | |
| 22 | | PS | PICEA SITCHENSIS | SITKA SPRUCE | 5 GAL. | 9'-0" O.C. | |
| 9 | | PB | POPULUS BALSAMIFERA | BLACK COTTONWOOD | 5 GAL. | 9'-0" O.C. | |
| 15 | | TP | THUJA PLICATA | WESTERN RED CEDAR | 5 GAL. | 9'-0" O.C. | |

Grand total: 67

CROSS TOWN TRAIL IN LAKE BOREN PARK (P-022)
 City of Newcastle
 13058 SE 84TH WAY NEWCASTLE, WA 98056



SET TYPE
BID SET

SET ISSUE DATE
03/10/23

| REVISIONS: | DESCRIPTION | DATE |
|------------|----------------|------------|
| A | Bid Addendum 1 | 04.05.2023 |

DRAWN/CHECKED:
 MM / GB
 SHEET NAME:
PLANTING SCHEDULE

SHEET NUMBER:
LD700A