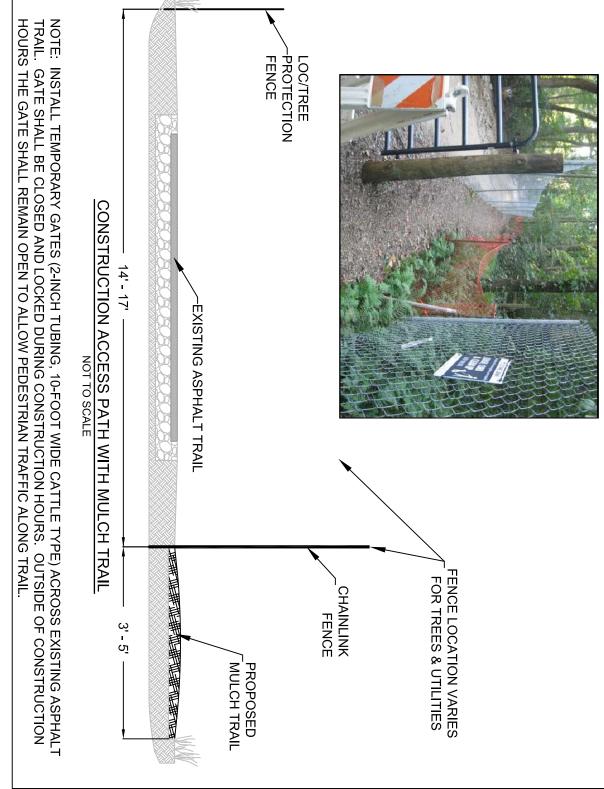
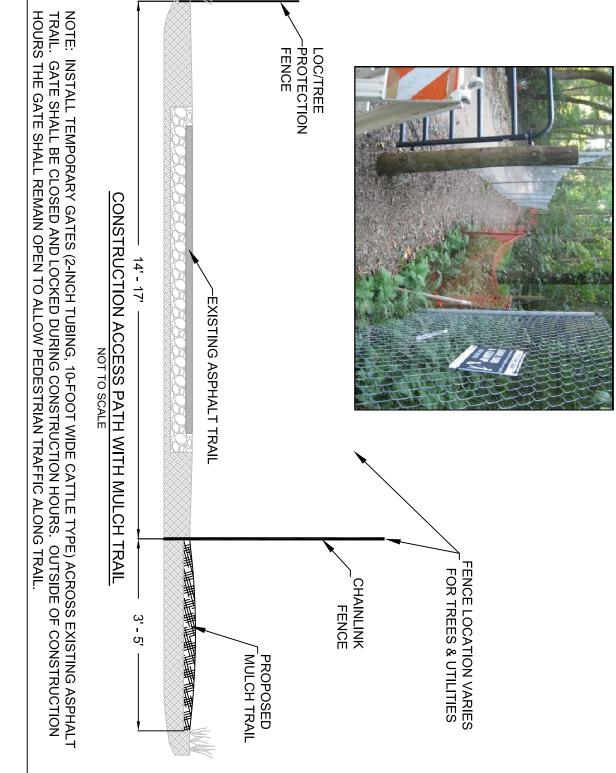


SNAKEDEN REACH 13 -

STEP POOLS





## PLANTING AND SEEDING NOTES:

FACW-

- CONTAINER RATES AND QUANTITIES SHOWN FOR ONE GALLON SIZE. FOR PURPOSES OF SUBSTITUTION, TWO TUBELINGS ARE THE EQUIVALENT OF ONE 1-GALLON CONTAINER PLANT IN THIS SCHEDULE. CONTRACTOR MAY PROVIDE A MIX OF CONTAINER AND TUBELING SIZES FOR EACH SPECIES REQUIREMENT, PROVIDED THE RATIO OF TUBELINGS TO CONTAINERS IS NOT LESS THAN 2:1. EXCEPTION -- GROUP 6 (STREAM EDGE) SHALL BE PLANTED IN ACCORDANCE WITH

STREAM EDGE QUANTITY SÚBTOTALS

STREAM

TREE AND SHRUB LAYER

FACW+

NA (WITCH HAZEL)

STREAM BANK QUANTITY SUBTOTALS

STIPEAM

TREE AND SHRUB LAYER

RIPARIAN FOREST QUANTIT

'SUBTOTALS

7

BIDENS FRONDOSA (BEGGAR TICKS) HELENIUM AUTUMNALE (COMMON SNEEZEWEED) HELIANTHUS ANGUSTIFOLIUS (NARROW-LEAF SUNFLOWER) ONOCLEA SENSIBILIS (SENSITIVE FERN)

PPARAN FOREST

ER RUBRUM (RED MAPLE)

ERCUS PHELLOS (WILLOW OAK)

ERCUS PALUSTRIS (PIN OAK)

FAC+

(SEE NOTE #4)

DFARIA (BLUNT BROOM SEDGE) JARROSA (SQUARROSE SEDGE) .PINOIDEA (FOX SEDGE)

OBL FACW FACW+

EX OPACA (AMERICAN HOLLY)

NUS FLORIDA (FLOWERING DOGWOOD)

FACU-

RIPARIAN BUFFER SEED MIX

OLIA (GRASS LEAVED GOLDENROD) SIS (CANADIAN GOLDENROD)

CENSIS (NEWYORK IRONWEED)
ALEXANDERS)

LKWEED)

DENSIS (EASTERN REDBUD)

RA BENZOIN (NORTHERN SPICEBUSH)

NUM DENTATUM (SOUTHERN AR

SSA SYLVATICA (BLACK GUM) TANUS OCCIDENTALIS (AMERICAN SYCAM

DAMBAR STYRACIFULA (SWEET GUM)

FACW FACW+

150
ONE-GALLON
--or300
TUBELINGS
--orMIX AT1:2 RATIO
(SEE NOTE #4)

FACW-FACW-

ASTER NOVAE ANGLIA
ASTER PILOSUS (HEAT
ASTER PRENANTHOIDS

IAE INATH ASTER)
IDES (ZIG ZAG ASTER)
""CCAPLILY)

CONTAINER
PLANTING ZONE

INDICATOR STATUS

ONTAINER SIZE
RATE, AND
QUANTITY<sup>4</sup>
PLANTS

INDICATOR STATUS

SEEDING RATE (LBS/AC)

- GROUPS ARE PLANTED. THE TOLERANCES LISTED IN THIS NOTE ARE INTENDED TO INCORPORATE FLEXIBILITY ACCORDING TO SPECIES AVAILABILITY. AT A MINIMUM, CONTRACTOR TO PROVIDE AT LEAST:

  A) 3 OF THE 5 SPECIES IN GROUP 1,
  B) 4 OF THE 6 SPECIES IN GROUP 2,
  C) ALL OF GROUP 3,
  D) 5 OF THE 7 SPECIES IN GROUP 4,
  E) 3 OF THE 7 SPECIES IN GROUP 5,
  F) 3 OF THE 5 SPECIES IN GROUP 6 (WITH SALIX NIGRA A REQUIRED SPECIES),
  SALIX NIGRA A REQUIRED SPECIES),
  G) ALL OF GROUP 7,
  O) 5 OF 6 IN GROUP 15.
- H) 4 OF THE 6 SPECIES IN GROUP 8,
  I) 3 OF THE 4 SPECIES IN GROUP 9,
  J) 5 OF 6 SPECIES IN GROUP 10,
  K) 5 OF 7 IN GROUP 11,
  L) 6 OF 8 IN GROUP 12
  M) 4 OF 5 IN GROUP 13,
  N) 5 OF 8 IN GROUP 14, AND
  O) 5 OF 6 IN GROUP 15.
- SUBSTITUTIONS FOR SELECTED SPECIES BASED UPON AVAILABILITY SHALL BE REQUESTED IN WRITING TO ENGINEER DOCUMENTING THE LACK OF AVAILABILITY IF THE FLEXIBILITY INHERENT IN THE ABOVE SCHEDULE IS STILL NOT SUFFICIENT. ENGINEER IS UNDER NO OBLIGATION TO APPROVE SUBSTITUTIONS. THE PLANTED TREES AND SHRUBS SHALL BE RANDOMLY SPACED AND SPECIES MIXED THROUGHOUT THE PLANTING AREAS.
- STREAM BANK AND STREAM EDGE ZONES SHALL BE PLANTED SUCH THAT THE COMBINED MIX OF SPECIES IS SPACED APPROX. 3' O.C. AND 1' O.C, RESPECTIVELY. THESE ZONES SHALL NOT BE PLANTED SUCH THAT EACH INDIVIDUAL SPECIES IN THESE ZONES IS PLANTED AT THESE RATES, RESULTING IN TIGHTER SPACING.

GROUP 6 (STREAM EDGE) ZONE SHALL BE PLANTED WITH TUBELINGS, OR AS LIVESTAKES (SALIX NIGRA ONLY, AND ONLY BETWEEN FEBRUARY 1 AND MARCH 31). NO ONE GALLONS ARE TO BE USED FOR ANY OF THIS GROUP'S SPECIES.

Date

scription

No.

Date

Description

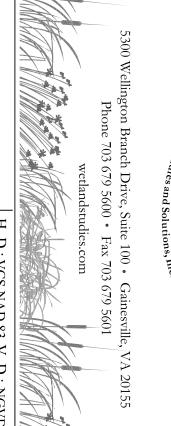
NORTHERN VIRGINIA STREAM RESTORATION BANK COLVIN RUN - WIEHLE SOUTH

Fairfax County, Virginia

Preliminary Plan

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3 of

DATE: JANUARY 12 2012

SCALE: NTS

C.I. = 0.5'

SEEDING TOTALS

CERCIS CANADENSIS I

S (EASTERN REDBUD)
LOWERING DOGWOOD)

BLACK GUM) ITALIS (AMERICAN SYCAMORE)

ALL SEEDING RATES ARE EXPRESSED IN POUNDS OF PURE LIVE SEED (PLS).

GLADE REACH 1 - MODIFIED CROSS VANE

KLP Draft FRG

