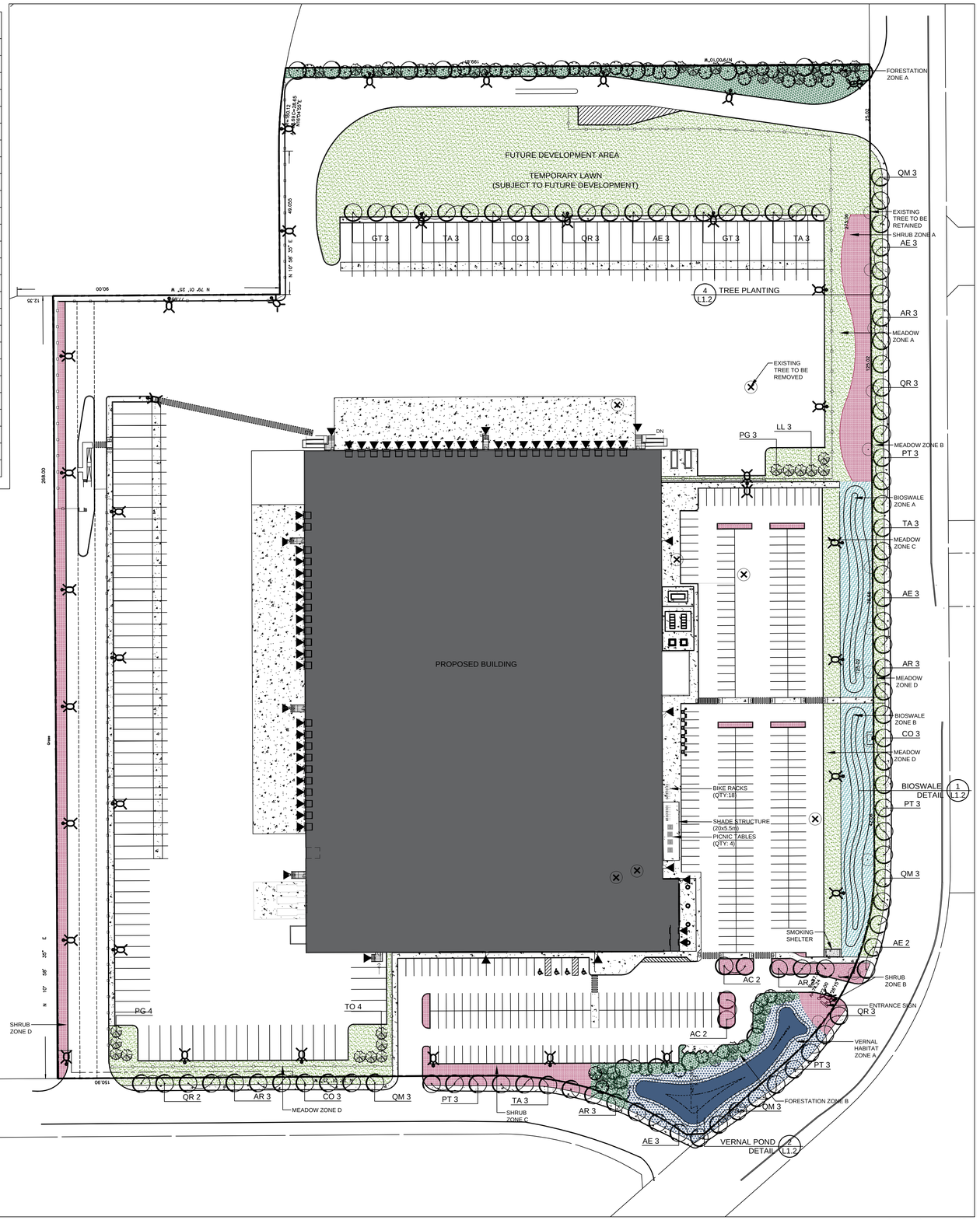
ZONE TYPE	AREA (M2)
RE-FORESTATION AREAS	
ZONE A	1155
ZONE B	480
TOTAL:	1635
SHRUB AREAS	
ZONE A	760
ZONE B	420
ZONE C	500
ZONE D	840
TOTAL:	2520
MEADOW AREAS	
ZONE A	1360
ZONE B	1045
ZONE C	430
ZONE D	505
ZONE E	1130
TOTAL:	4470
TEMPORARY LAWN AREA	
TOTAL:	6060
BIOSWALE AREAS	
ZONE A	830
ZONE B	930
TOTAL:	1760
VERNAL HABITAT AREAS	
ZONE A	1320
TOTAL:	1320



PLANT LIST

SYM.	BOTANICAL NAME	COMMON NAME	SIZE
	DECIDUOUS TREES		
AR	ACER RUBRUM	RED MAPLE	70mm CAL.
AS	ACER SACCHARUM	SUGAR MAPLE	70mm CAL.
AE	ACER SACCHARINUM	SILVER MAPLE	70mm CAL.
AL	ALNUS RUGOSA	HAZEL ALDER	70mm CAL.
AC	AMELANCHIER CANADENSIS	SERVICEBERRY	70mm CAL.
BP	BETULA PAPYRIFERA	PAPER BIRCH	70mm CAL.
CO	CELTIS OCCIDENTALIS	HACKBERRY	70mm CAL.
GT	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	70mm CAL.
PD	POPULUS DELTOIDES	EASTERN POPLAR	70mm CAL.
PT	POPULUS TREMULOIDES	TREMBLING ASPEN	70mm CAL.
QM	QUERCUS MACROCARPA	BUR OAK	70mm CAL.
QR	QUERCUS RUBRA	RED OAK	70mm CAL.
TA	TILIA AMERICANA	BASSWOOD	70mm CAL.
	CONIFEROUS TREES		
AB	ABIES BALSAMEA	BALSAM FIR	1800mm HT.
LL	LARIX LARICINA	EASTERN TAMARACK (LARCH)	1800mm HT.
PG	PICEA GLAUCA	WHITE SPRUCE	1800mm HT.
TO	THUJA OCCIDENTALIS	EASTERN WHITE CEDAR	1800mm HT.
	VERNAL SHRUB HABITAT PLANTING		
CR	CORNUS RACEMOSA	GREY DOGWOOD	500mm HT.
CS	CORNUS STOLONIFERA	REDOSIER DOGWOOD	500mm HT.
SD	SALIX DISCOLOR	PUSSY WILLOW	500mm HT.
SL	SALIX LUCIDA	SHINNING WILLOW	500mm HT.
SC	SAMBUCUS CANADENSIS	ELDERBERRY	500mm HT.
TO	THUJA OCCIDENTALIS	EASTERN WHITE CEDAR	500mm HT.
	BIOSWALE PLANTING		
AR	ARONIA MELANOCARPA	BLACK CHOKECHERRY	500mm HT.
CS	CORNUS STOLONIFERA	RED OSIER DOGWOOD	500mm HT.
PO	PHYSOCARPUS OPULIFOLIUS	COMMON NINEBARK	500mm HT.
SP	SPIREA ALBA	MEADOWSWEET	500mm HT.
SA	SYMPHORICARPOS ALBUS	SNOWBERRY	500mm HT.
VL	VIBURNUM LENTAGO	NANNYBERRY	500mm HT.

MEADOW SEED MIX

BASE RESTORATION SEED MIX BY ST. WILLIAMS NURSERY
- Virginia Wild Rye - Elymus virginicus
- Indian Grass - Sorghastrum nutans
- Riverbank Wild Rye - Elymus riparius
- Switch Grass - Panicum virgatum
- Common Milkweed - Asclepias syriaca
- Common Evening Primrose - Oenothera biennis
- Foxglove Beard-Tongue - Penstemon digitalis
- Hairy Beard-Tongue - Penstemon hirsutus
- Upland White Aster - Solidago ptarmicoides
- Flat-Topped Aster - Doellingeria umbellata
- Slender Wheat Grass - Elymus trachycaulus
- Tall Cinquefoil;Prairie Cinquefoil - Potentilla arguta
- Brown-Eyed Susan;Black-Eyed Susan - Rudbeckia hirta
- Tall Dropseed;Rough Dropseed - Sporobolus asper
- Sand Dropseed - Sporobolus cryptandrus
- Smooth Aster - Symphyotrichum laeve
- Tall Coreopsis - Coreopsis tripteris
- Virginia Mountain Mint - Pycnanthemum virginianum
- Gray Goldenrod - Solidago nemoralis

VERNAL SEED MIX

WATER'S EDGE SEED MIX BY ST. WILLIAMS NURSERY
- Riverbank Wild Rye - Elymus riparius
- Virginia Wild Rye - Elymus virginicus
- Switch Grass - Panicum virgatum
- Fox Sedge - Carex vulpinoidea
- Bebb's Sedge - Carex bebbii
- Common Evening Primrose - Oenothera biennis
- Foxglove Beard-Tongue - Penstemon digitalis
- Porcupine Sedge - Carex hystericina
- Common Boneset - Eupatorium perfoliatum
- Flat-Topped Aster - Doellingeria umbellata
- Dark-Green Bulrush - Scirpus atrovirens
- Fowl Manna Grass - Glyceria striata
- Tall Manna Grass;Reed Manna Grass - Glyceria grandis
- Blue Vervain - Verbena hastata
- Missouri Ironweed - Vernonia missurica
- Spotted Joe-Pye Weed - Eupatorium maculatum
- Swamp Milkweed - Asclepias incarnata
- Awl-Fruited Sedge - Carex stipata
- Greenheaded Coneflower;Cut-Leaved Coneflower - Rudbeckia laciniata
- New England Aster - Symphyotrichum novae-angliae
- Obedient Plant;False Dragonhead - Physostegia virginiana
- Great St. John's Wort - Hypericum ascyron
- Wild Bergamot - Monarda fistulosa
- Sweet Ox-Eye - Heliopsis helianthoides
- Purple-stemmed Aster; Swamp Aster - Symphyotrichum puniceum
- Cardinal Flower - Lobelia cardinalis
- Canada Blue-Joint - Calamagrostis canadensis
- Hop Sedge - Carex lupulina
- Fringed Sedge - Carex crinita
- Great Blue Lobelia - Lobelia siphilitica
- Golden Alexanders - Zizia aurea
- Wool Grass - Scirpus cyperinus

BIOSWALE SEED MIX

ROADSIDE & FOREST EDGE SEED MIX BY ST. WILLIAMS NURSERY
- Virginia Wild Rye - Elymus virginicus
- Big Bluestem - Andropogon gerardii
- Riverbank Wild Rye - Elymus riparius
- Indian Grass - Sorghastrum nutans
- Slender Wheat Grass - Elymus trachycaulus
- Switch Grass - Panicum virgatum
- Canada Wild Rye - Elymus canadensis
- Hairy Beard-Tongue - Penstemon hirsutus
- Common Evening Primrose - Oenothera biennis
- Fox Sedge - Carex vulpinoidea
- Foxglove Beard-Tongue - Penstemon digitalis
- Common Milkweed - Asclepias syriaca
- Blue Vervain - Verbena hastata
- Sand Dropseed - Sporobolus cryptandrus
- Dark-Green Bulrush - Scirpus atrovirens
- Sweet Ox-Eye - Heliopsis helianthoides
- Round-Headed Bush Clover - Lespedeza capitata
- Brown-Eyed Susan;Black-Eyed Susan - Rudbeckia hirta
- Showy Tick-Trefoil - Desmodium canadense
- Tall Cinquefoil;Prairie Cinquefoil - Potentilla arguta
- New England Aster - Symphyotrichum novae-angliae
- Grain Sedge;Meadow Sedge - Carex granularis
- Wool Grass - Scirpus cyperinus
- Wild Bergamot - Monarda fistulosa
- Hoary Vervain - Verbena stricta
- Early Goldenrod - Solidago juncea
- Wild Columbine - Aquilegia canadensis
- Woodland Sunflower - Helianthus divaricatus
- Gray Goldenrod - Solidago nemoralis
- Silky Wild-Rye; Hairy Wild Rye - Elymus villosus
- Giant Yellow Hyssop - Agastache nepetoides
- Great Blue Lobelia - Lobelia siphilitica
- Greenheaded Coneflower;Cut-Leaved Coneflower - Rudbeckia laciniata
- Awl-Fruited Sedge - Carex stipata
- Flat-Topped Aster - Doellingeria umbellata

TEMPORARY LAWN SEED MIX

LOW MAINTENANCE ECO LAWN SEED MIXTURE 8340 BY OSC
- Creeping Red Fescue
- Ecostar Hard Fescue
- Chewings Fescue
- Perennial Rye

LEGEND

- FORESTATION AREA
- SHRUB AREA
- MEADOW AREA
- BIOSWALE AREA
- VERNAL HABITAT AREA
- EXISTING DECIDUOUS TREE
- EXISTING TREE TO BE REMOVED
- LARGE DECIDUOUS TREE
- SMALL DECIDUOUS TREE
- LARGE CONIFEROUS TREE
- PICNIC TABLE
- BIKE RACK

No.	Revision	Date
3	ISSUED FOR SPA SUBMISSION	22 JUN 2023
2	ISSUED FOR COORDINATION	13 JUN 2023
1	ISSUED FOR REVIEW	02 FEB 2023

North:

Stamp:

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO
JOHN BERRY
MEMBER

CSW

Landscape Architecture
Urban Design
Site Planning
Recreation and Park Planning
Project Management

319 McRae Avenue, Suite 502, Ottawa, Ontario, K1Z 0B9
Tel: (613) 729-4536

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   - comply with all pertinent codes and by-laws;
   - check and verify locations of all underground services with all local utilities prior to any digging.

Project:

CANADA POST PROCESSING CENTRE

50 LEIKIN DRIVE
OTTAWA., ONTARIO

Drawing:

CONCEPT PLAN

Scale: 1:750	Date: JAN 24, 2023
Design By:	Drawn By: AB
Project Number: 2127-01	Sheet Number: L 1.1

XXX-XX-XX-XXXX

Last Save: 2023-06-22 9:26:42 AM
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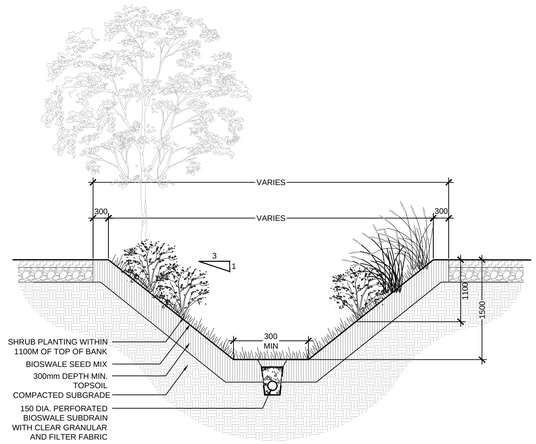

1 BIOSWALE DETAIL

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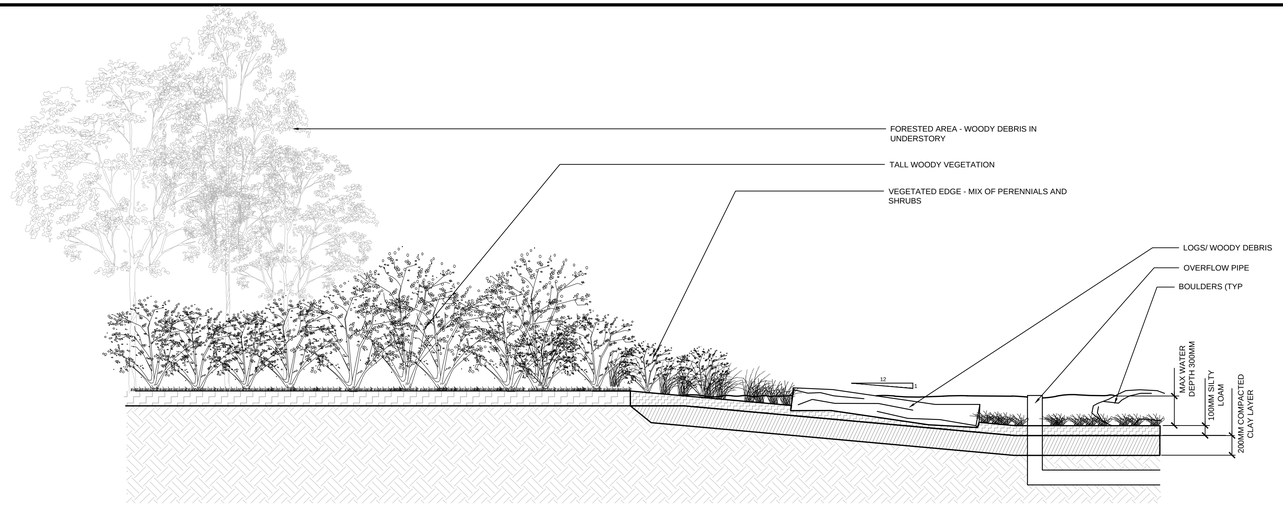

2 VERNAL POND DETAIL

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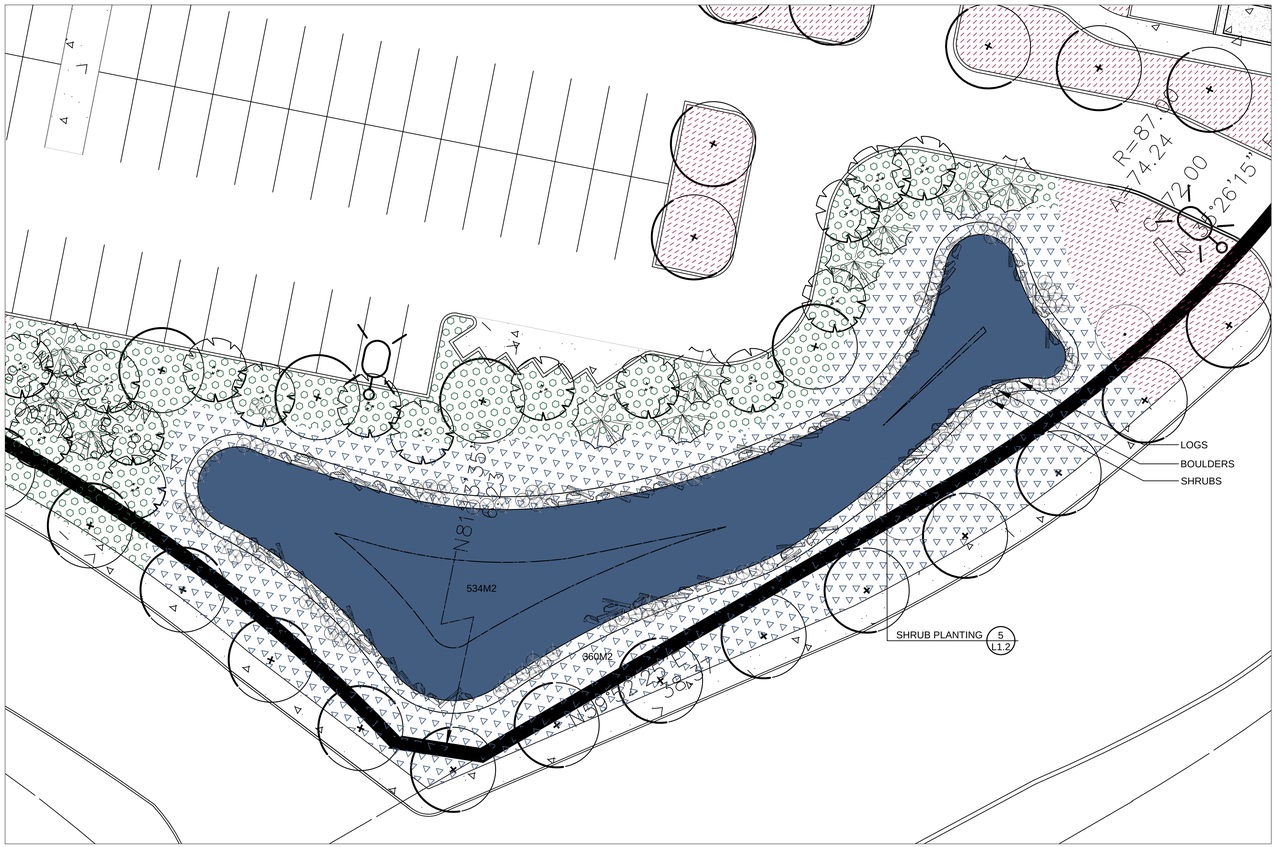

3 VERNAL HABITAT DETAIL PLAN

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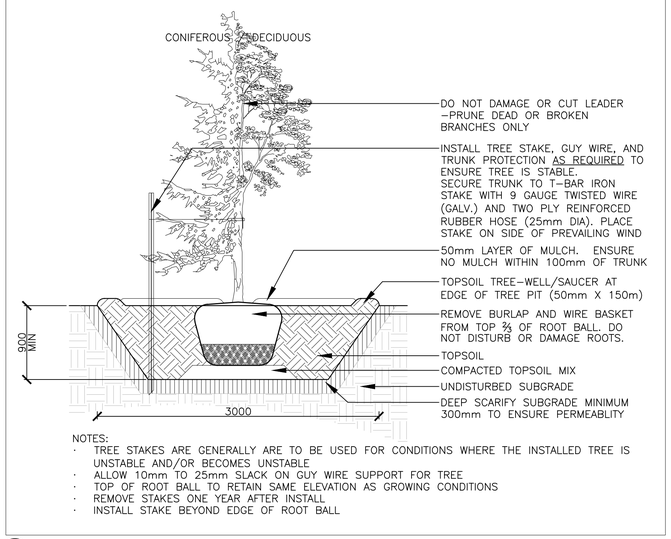
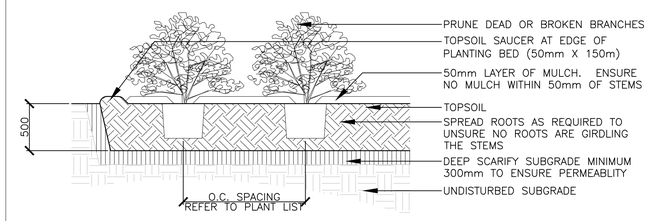


NOTES:
- TREE STAKES ARE GENERALLY ARE TO BE USED FOR CONDITIONS WHERE THE INSTALLED TREE IS UNSTABLE AND/OR BECOMES UNSTABLE
- ALLOW 10mm TO 25mm SLACK ON GUY WIRE SUPPORT FOR TREE
- TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS
- REMOVE STAKES ONE YEAR AFTER INSTALL
- INSTALL STAKE BEYOND EDGE OF ROOT BALL

4 TREE PLANTING

Scale: 1:30



NOTES:
- TOP OF ROOT BALL TO RETAIN SAME ELEVATION AS GROWING CONDITIONS

5 SHRUB PLANTING

1:30

0 10 25 50 100 200 Meters

LEGEND

- FORESTATION AREA
- SHRUB AREA
- MEADOW AREA
- BIOSWALE AREA
- VERNAL HABITAT AREA
- EXISTING DECIDUOUS TREE
- EXISTING TREE TO BE REMOVED
- LARGE DECIDUOUS TREE
- SMALL DECIDUOUS TREE
- LARGE CONIFEROUS TREE
- SHRUBS
- BOULDERS
- LOGS

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DETAILS

Scale:	Date:
1:750	JAN 24, 2023
Design By:	Drawn By: AB
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