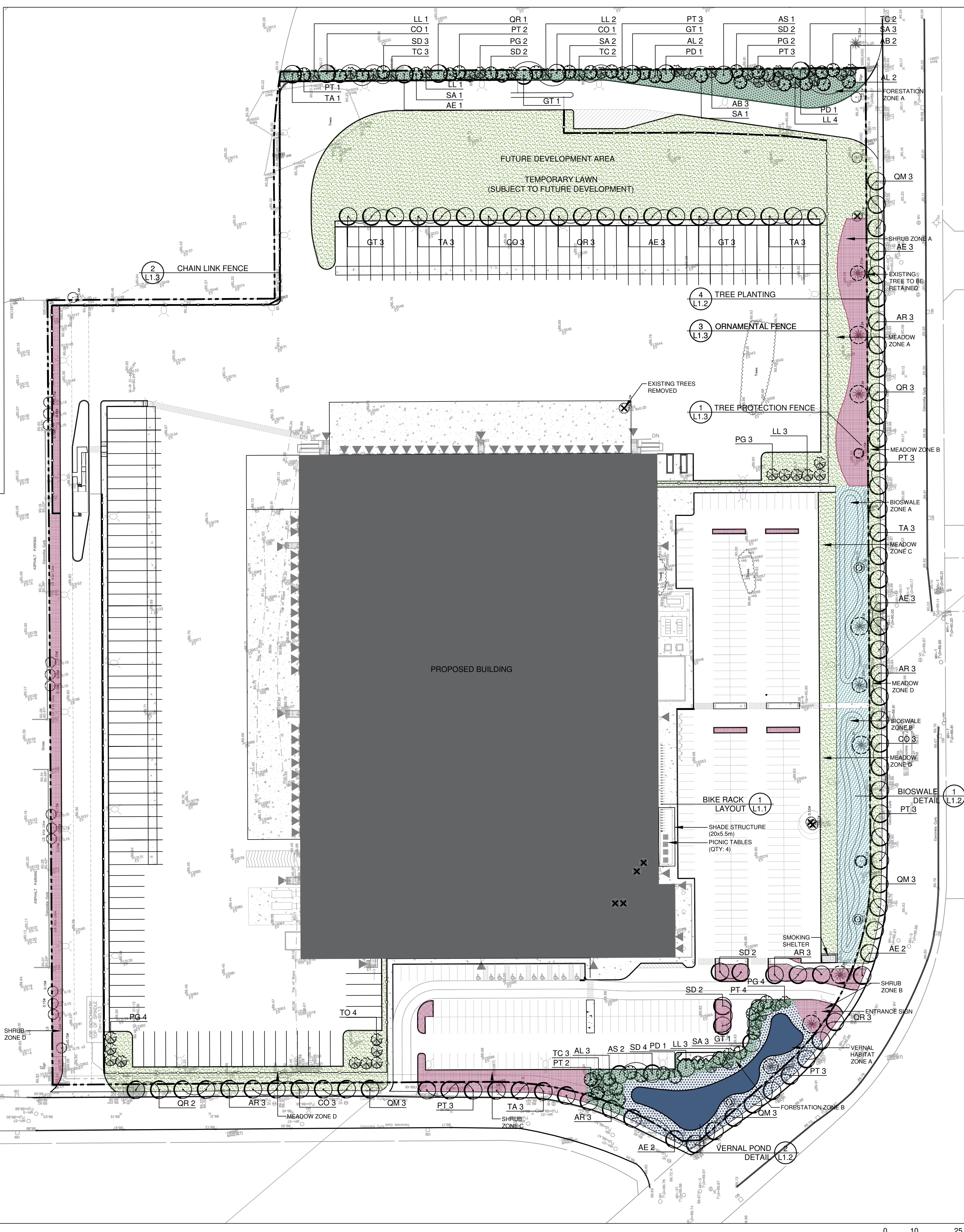
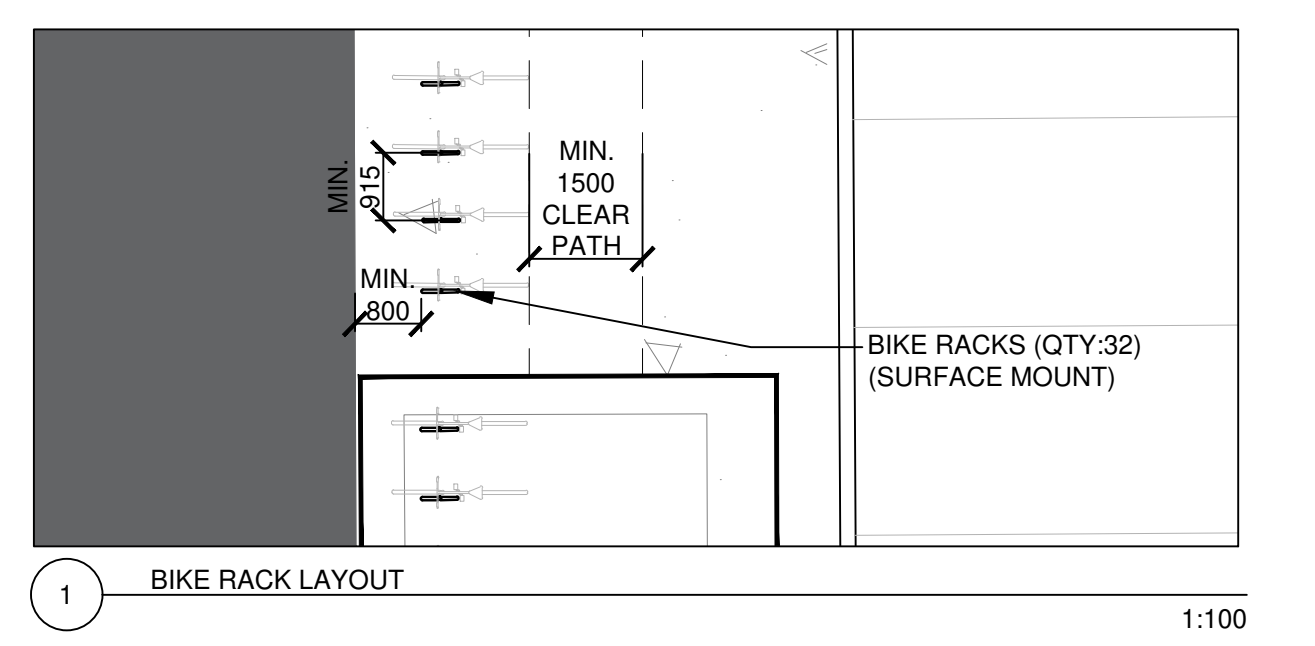


ZONE TYPE	AREA (M2)
RE-FORESTATION AREAS	
ZONE A	1155
ZONE B	480
TOTAL:	1635
SHRUB AREAS	
ZONE A	760
ZONE B	420
ZONE C	500
ZONE D	840
TOTAL:	2520
MEADOW AREAS	
ZONE A	1360
ZONE B	1045
ZONE C	430
ZONE D	505
ZONE E	1130
TOTAL:	4470
TEMPORARY LAWN AREA	
TOTAL:	6060
BIOSWALE AREAS	
ZONE A	830
ZONE B	930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



PLANT LIST				
SYM.	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE
DECIDUOUS TREES				
AR	ACER RUBRUM	RED MAPLE	15	70mm CAL.
AS	ACER SACCHARUM	SUGAR MAPLE	3	70mm CAL.
AE	ACER SACCHARINUM	SILVER MAPLE	14	70mm CAL.
AL	ALNUS RUGOSA	HAZEL ALDER	7	70mm CAL.
CO	CELTIS OCCIDENTALIS	HACKBERRY	11	70mm CAL.
GT	GLEDITSIA TRIACANTHOS VAR. INERMIS	HONEYLOCUST	9	70mm CAL.
PD	POPULUS DELTOIDES	EASTERN POPLAR	3	70mm CAL.
PT	POPULUS TREMULOIDES	TREMBLING ASPEN	27	70mm CAL.
QM	QUERCUS MACROCARPA	BUR OAK	12	70mm CAL.
QR	QUERCUS RUBRA	RED OAK	12	70mm CAL.
SA	SALIX NIGRA	BLACK WILLOW	10	70mm CAL.
SD	SORBUS DECORA	SHOWY MOUNTAINASH	15	70mm CAL.
TA	TILIA AMERICANA	BASSWOOD	13	70mm CAL.
CONIFEROUS TREES				
AB	ABIES BALSAMEA	BALSAM FIR	5	1800mm HT.
LL	LARIX LARICINA	EASTERN TAMARACK (LARCH)	11	1800mm HT.
PG	PICEA GLAUCA	WHITE SPRUCE	8	1800mm HT.
TC	TSUGA CANADENSIS	CANADIAN HEMLOCK	10	1800mm HT.
VERNAL SHRUB HABITAT PLANTING				
CR	CORNUS RACEMOSA	GREY DOGWOOD		500mm HT.
LL	LARIX LARICINA	EASTERN TAMARACK (LARCH)		500mm HT.
LH	LONICERA HIRSUTA	HAIRY HONEYSUCKLE		500mm HT.
SD	SALIX DISCOLOR	PUSSY WILLOW		500mm HT.
SL	SALIX LUCIDA	SHINNING WILLOW		500mm HT.
SC	SAMBUCUS CANADENSIS	ELDERBERRY		500mm HT.
BIOSWALE PLANTING				
AR	ARONIA MELANOCARPA	BLACK CHOKECHERRY		500mm HT.
LH	LONICERA HIRSUTA	HAIRY HONEYSUCKLE		500mm HT.
PO	PHYSCOCARPUS OPULIFOLIUS	COMMON NINEBARK		500mm HT.
SP	SPIREA ALBA	MEADOWSWEET		500mm HT.
SA	SYMPHORICARPOS ALBUS	SNOWBERRY		500mm HT.
VL	VIBURNUM LENTAGO	NANNYBERRY		500mm HT.

- | | |
|---|--|
| <p>MEADOW SEED MIX</p> <p>BASE RESTORATION SEED MIX BY ST. WILLIAMS NURSERY</p> <ul style="list-style-type: none"> 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 <p>VERNAL SEED MIX</p> <p>WATER'S EDGE SEED MIX BY ST. WILLIAMS NURSERY</p> <ul style="list-style-type: none"> 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 Green-headed 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 - Helianthus divaricatus Purple-stemmed Aster; Swamp Aster - Symphyotrichum punctatum Cardinal Flower - Lobelia cardinalis Canada Blue-Joint - Calamagrostis canadensis Hop Sedge - Carex lupulina Fringed Sedge - Carex cincta Great Blue Lobelia - Lobelia siphilitica Golden Alexanders - Zizia aurea Wool Grass - Scirpus cyperinus | <p>BIOSWALE SEED MIX</p> <p>ROADSIDE & FOREST EDGE SEED MIX BY ST. WILLIAMS NURSERY</p> <ul style="list-style-type: none"> 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 - Helianthus divaricatus 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 Green-headed Coneflower/Cut-Leaved Coneflower - Rudbeckia laciniata Awl-Fruited Sedge - Carex stipata Flat-Topped Aster - Doellingeria umbellata <p>TEMPORARY LAWN SEED MIX</p> <p>LOW MAINTENANCE ECO LAWN SEED MIXTURE 8340 BY OSC</p> <ul style="list-style-type: none"> 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 WITH TREE PROTECTION FENCING
- EXISTING TREES REMOVED UNDER D06-01-23-0032
- LARGE DECIDUOUS TREE
- SMALL DECIDUOUS TREE
- LARGE CONIFEROUS TREE
- PICNIC TABLE
- BIKE RACK
- CHAIN LINK FENCE
- ORNAMENTAL FENCE

5	RE-ISSUED FOR SPA SUBMISSION	19 OCT 2023
4	RE-ISSUED FOR SPA SUBMISSION	06 SEP 2023
3	ISSUED FOR SPA SUBMISSION	22 JUN 2023
2	ISSUED FOR COORDINATION	13 JUN 2023
1	ISSUED FOR REVIEW	02 FEB 2023

No. Revision Date

North: Stamp:

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

CSW

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**

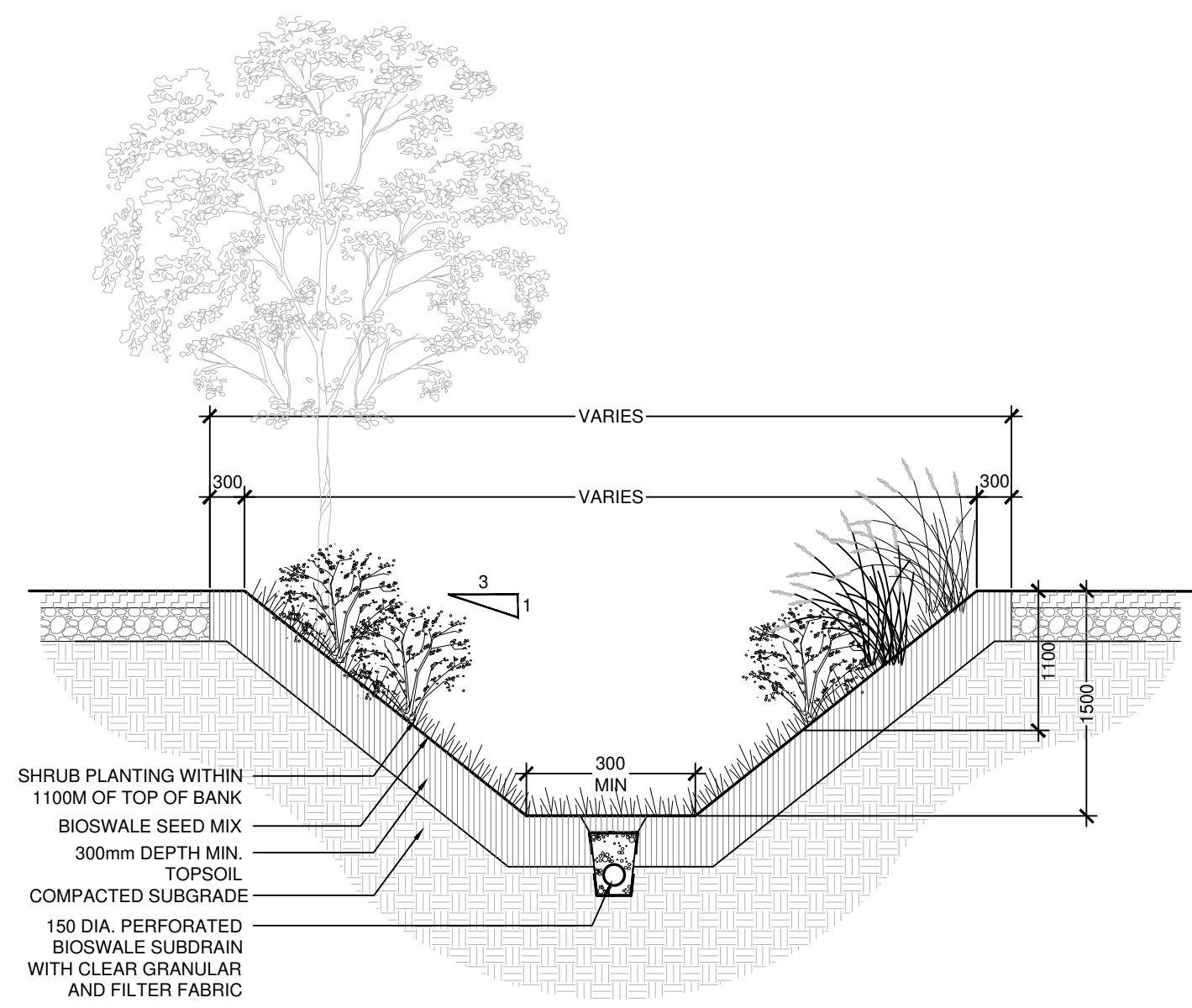
50 LEIKIN DRIVE
OTTAWA, ONTARIO

Drawing: **LANDSCAPE PLAN**

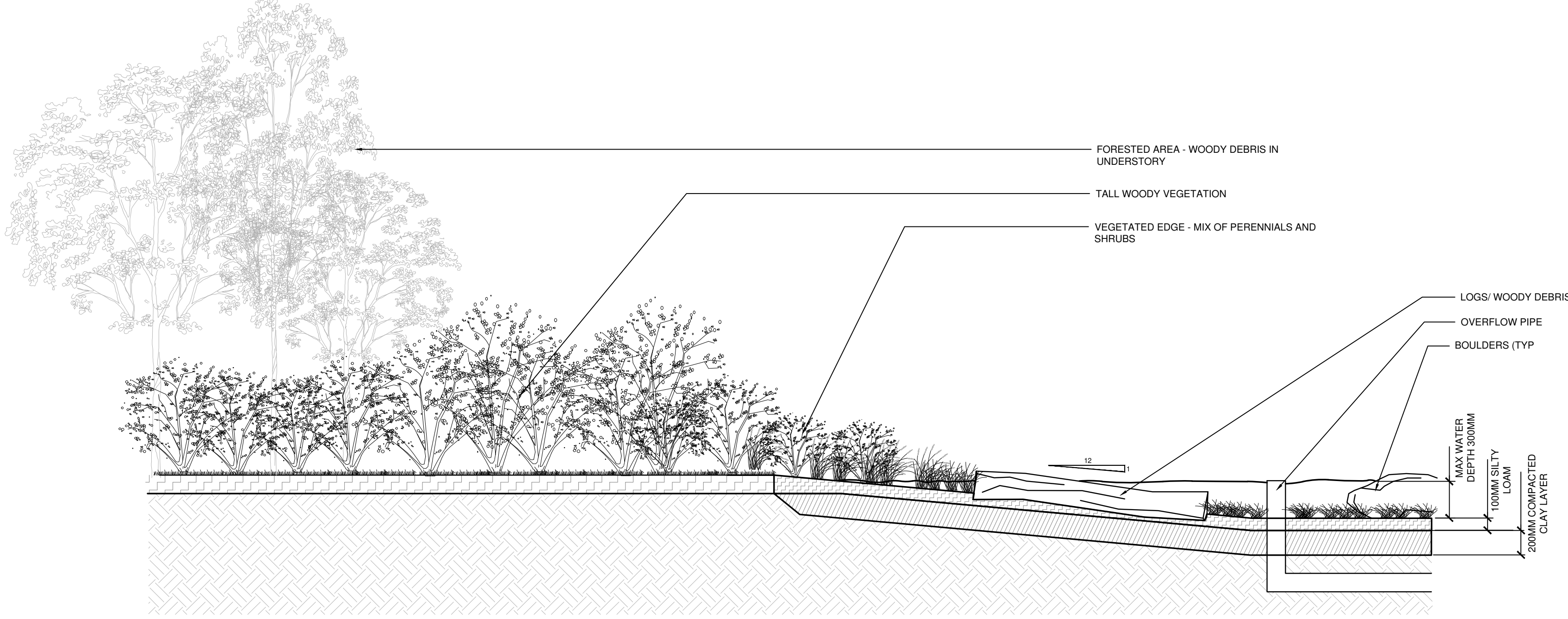
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Design By: Drawn By: AB

Project Number: 2127-01 Sheet Number: L 1.1



1 BIOSWALE DETAIL
1:30



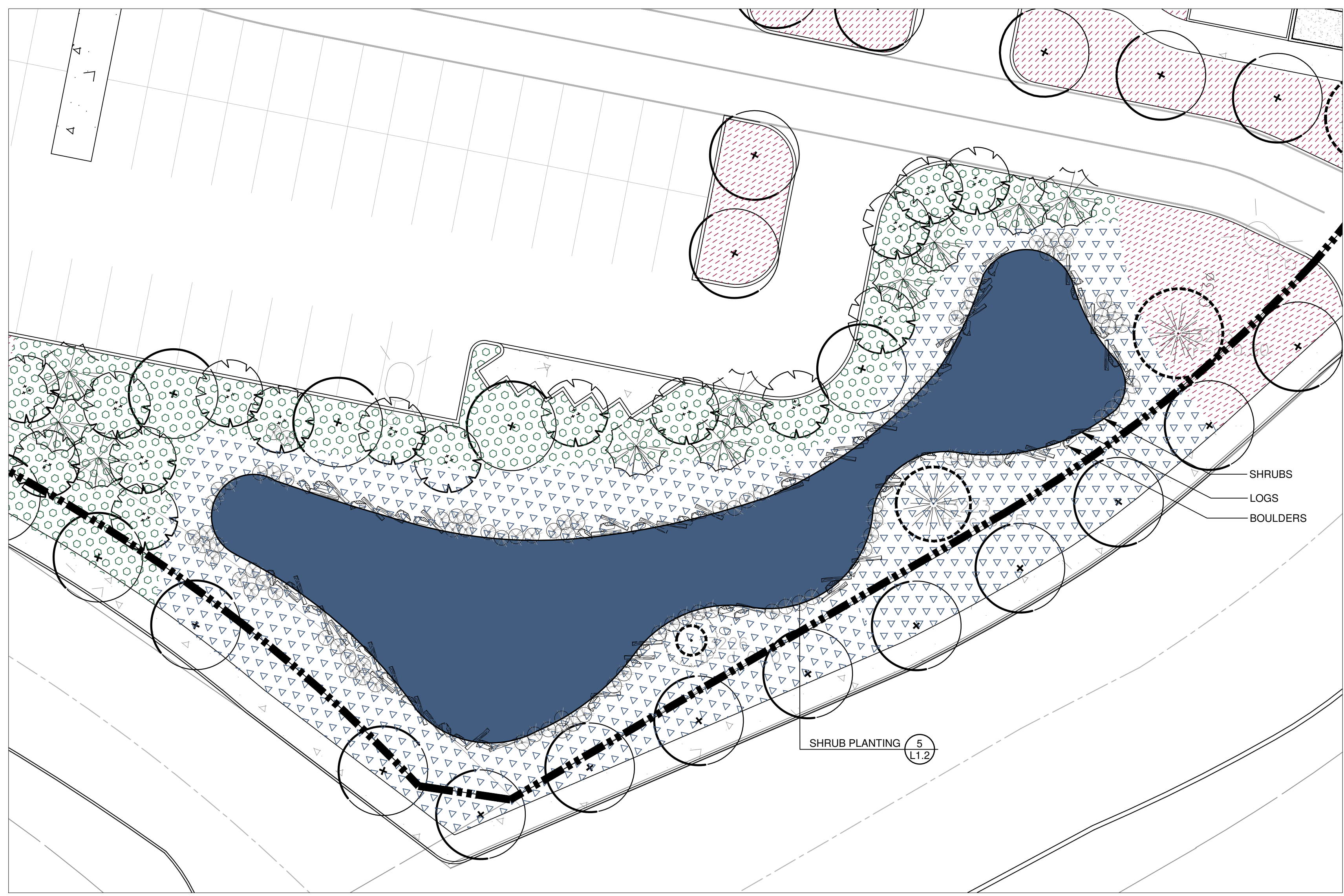
2 VERNAL POND DETAIL
1:30

LEGEND

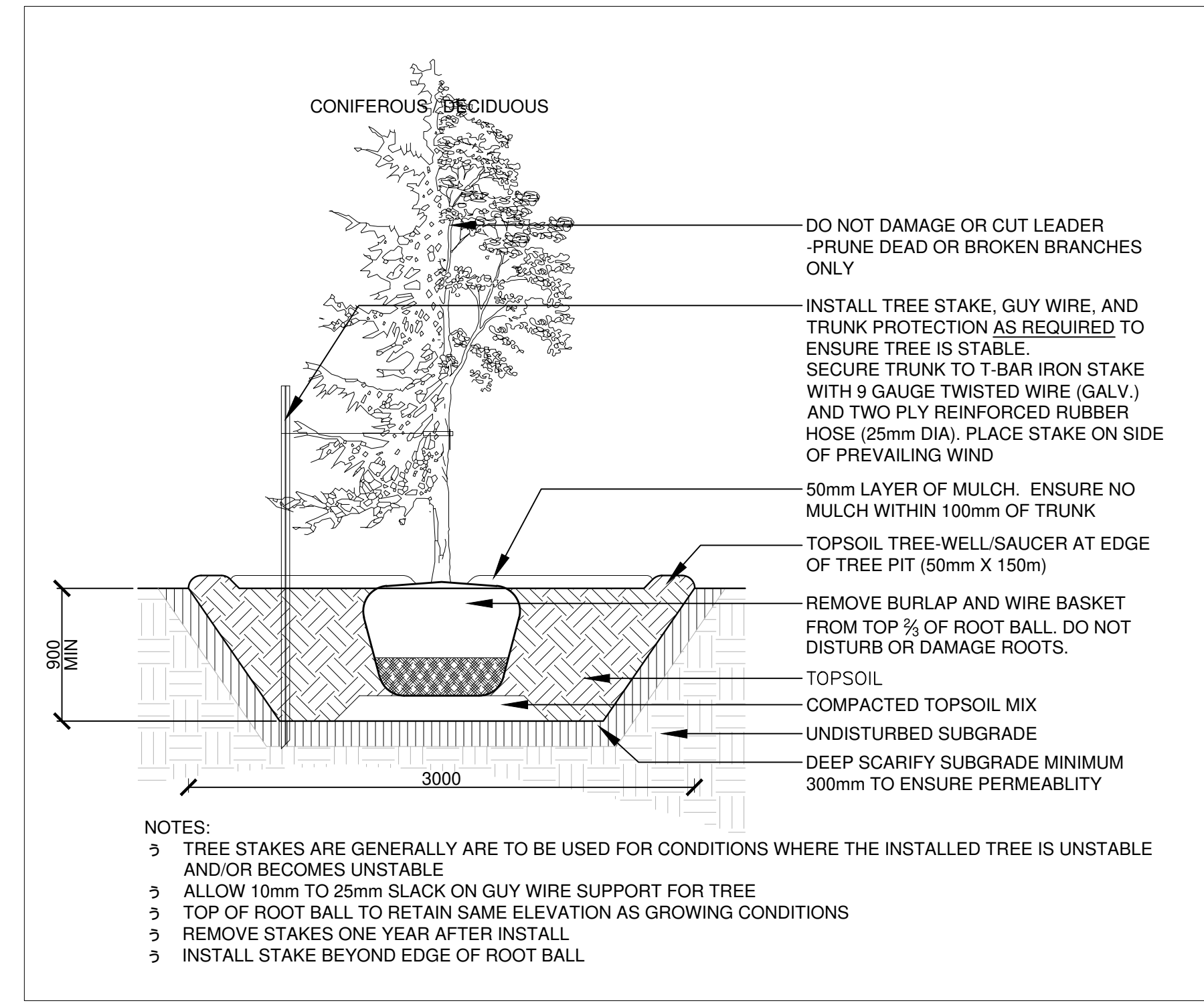
- FORESTATION AREA
- SHRUB AREA
- MEADOW AREA
- BIOSWALE AREA
- VERNAL HABITAT AREA
- EXISTING DECIDUOUS TREE
- EXISTING TREE TO BE REMOVED
- LARGE DECIDUOUS TREE
- SMALL DECIDUOUS TREE
- LARGE CONIFEROUS TREE
- SHRUBS
- BOULDERS
- LOGS

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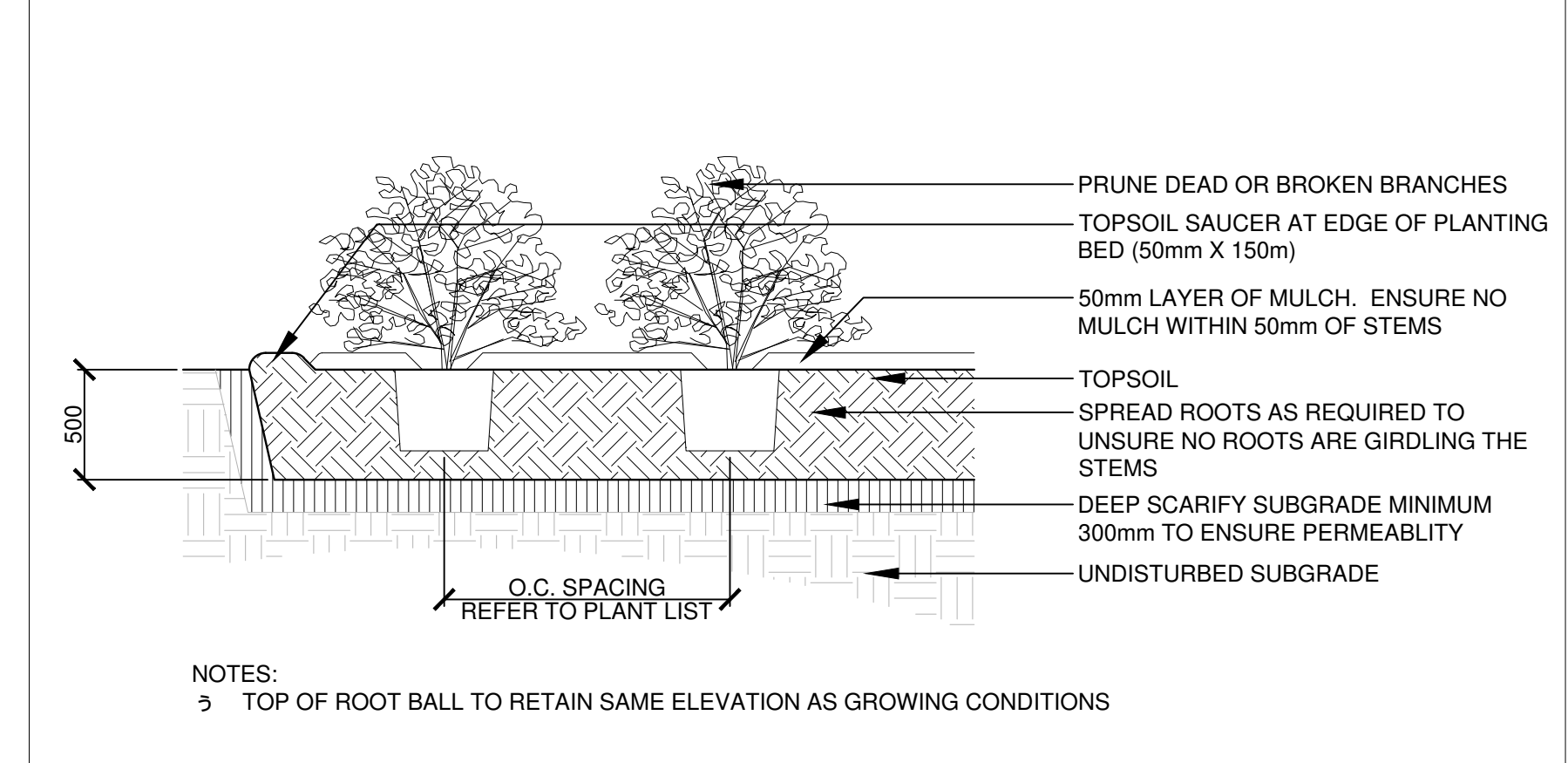
No.	Revision	Date



3 VERNAL HABITAT DETAIL PLAN
1:200



4 TREE PLANTING
Scale: 1:30



5 SHRUB PLANTING
1:30

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

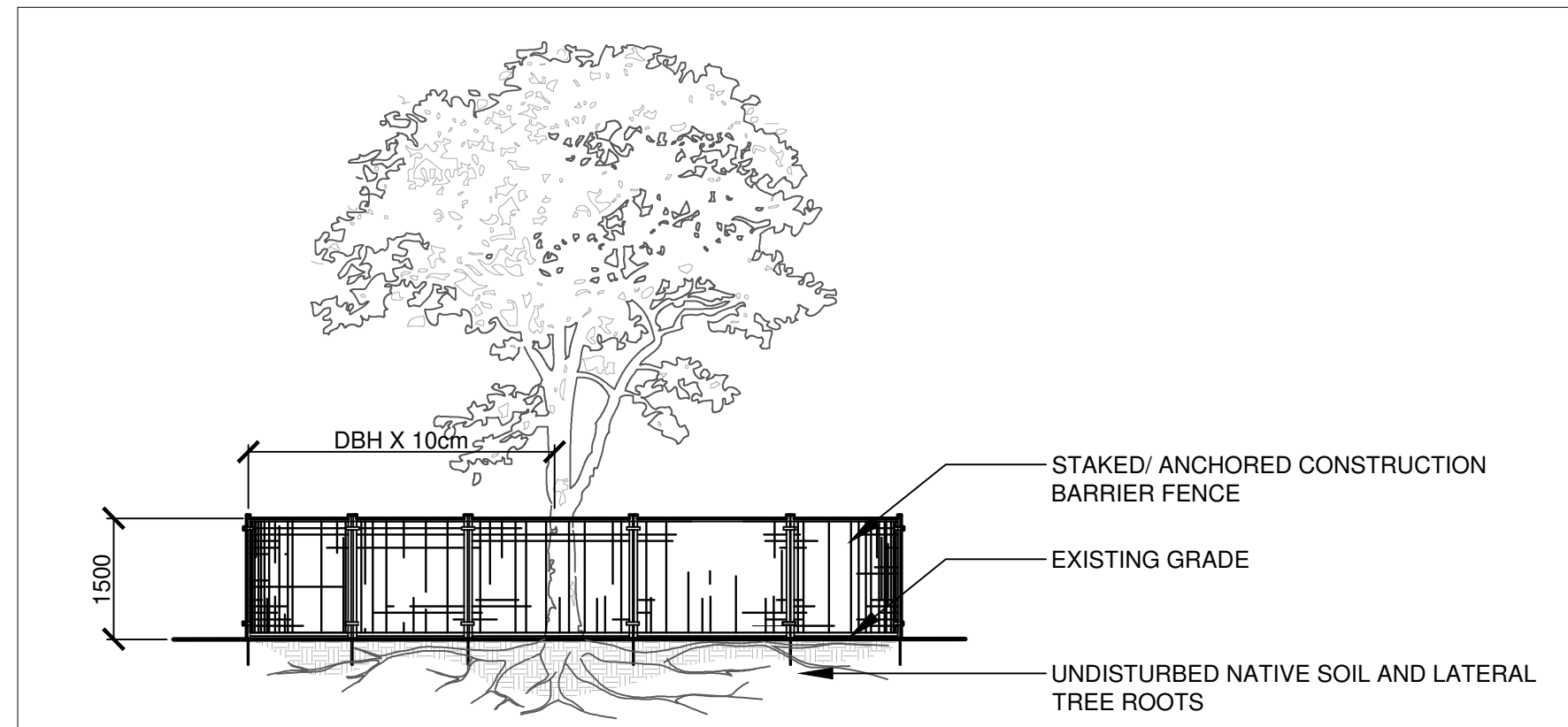
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Project:
CANADA POST PROCESSING CENTRE
50 LEIKIN DRIVE
OTTAWA, ONTARIO

Drawing:
LANDSCAPE PLAN-DETAILS

Scale: AS NOTED	Date: JAN 24, 2023
Design By:	Drawn By: AB
Project Number: 2127-01	Sheet Number: L 1.2



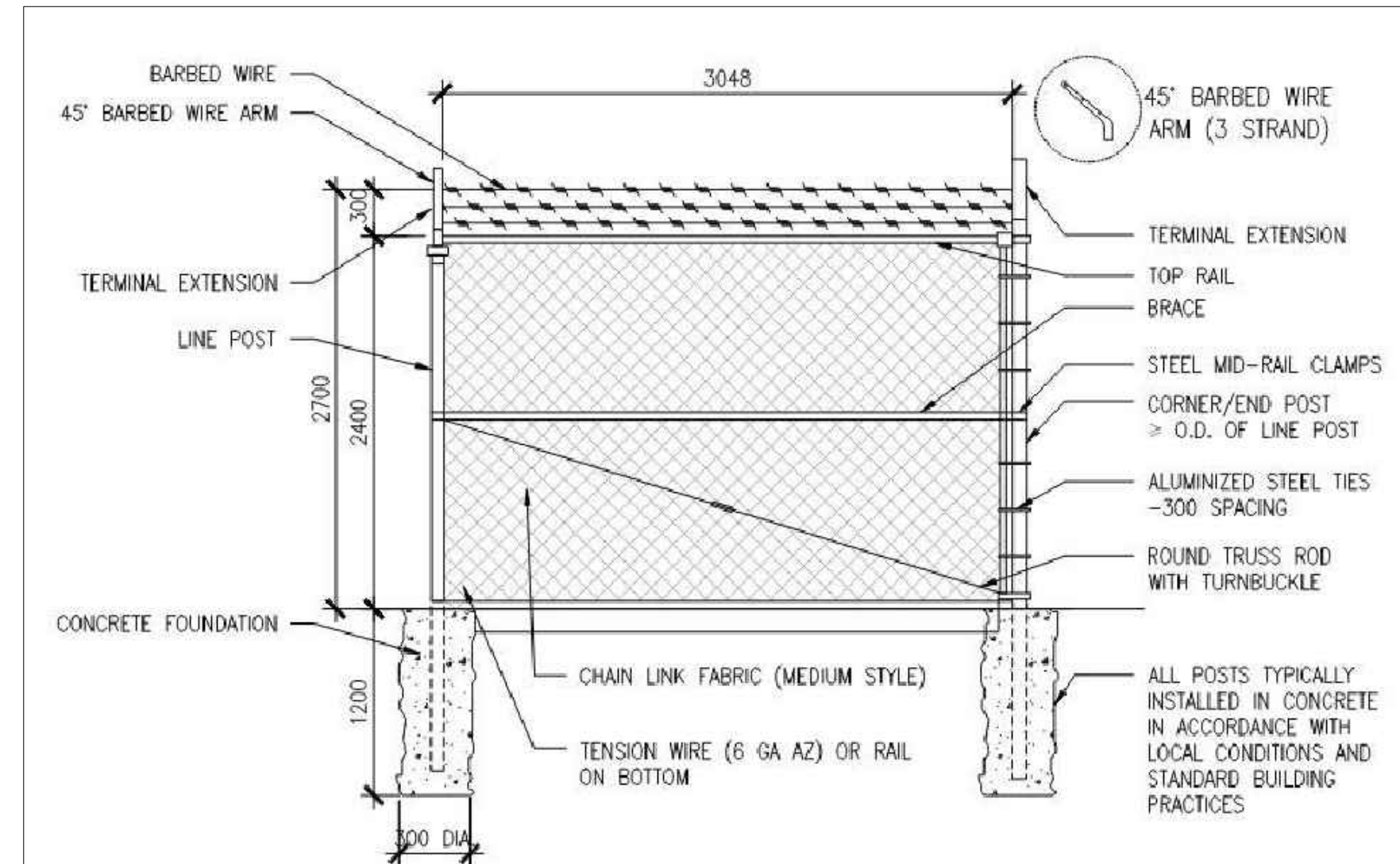
NOTES:

THE FOLLOWING PROTECTION MEASURES MUST BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF CONSTRUCTION ON SITE.

1. UNDER THE GUIDANCE OF AN ARBORIST, ERECT A FENCE AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETERS FROM THE TRUNK FOR EVERY CENTIMETER OF TRUNK DIAMETER AT BREAST HEIGHT. THE CRZ IS CALCULATED AS DBH X 10cm.
2. DO NOT PLACE ANY MATERIAL OR EQUIPMENT WITHIN THE CRZ OF THE TREE
3. DO NOT ATTACH ANY SIGNS NOTICES OR POSTERS TO ANY TREE
4. DO NOT RAISE OR LOWER THE GRADE WITHIN THE CRZ WITHOUT APPROVAL
5. TUNNEL OR BORE WHEN DIGGING WITHIN THE CRZ OF A TREE
6. DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE
7. ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARDS ANY TREE CANOPY

1 TREE PROTECTION FENCING

Scale: 1:30

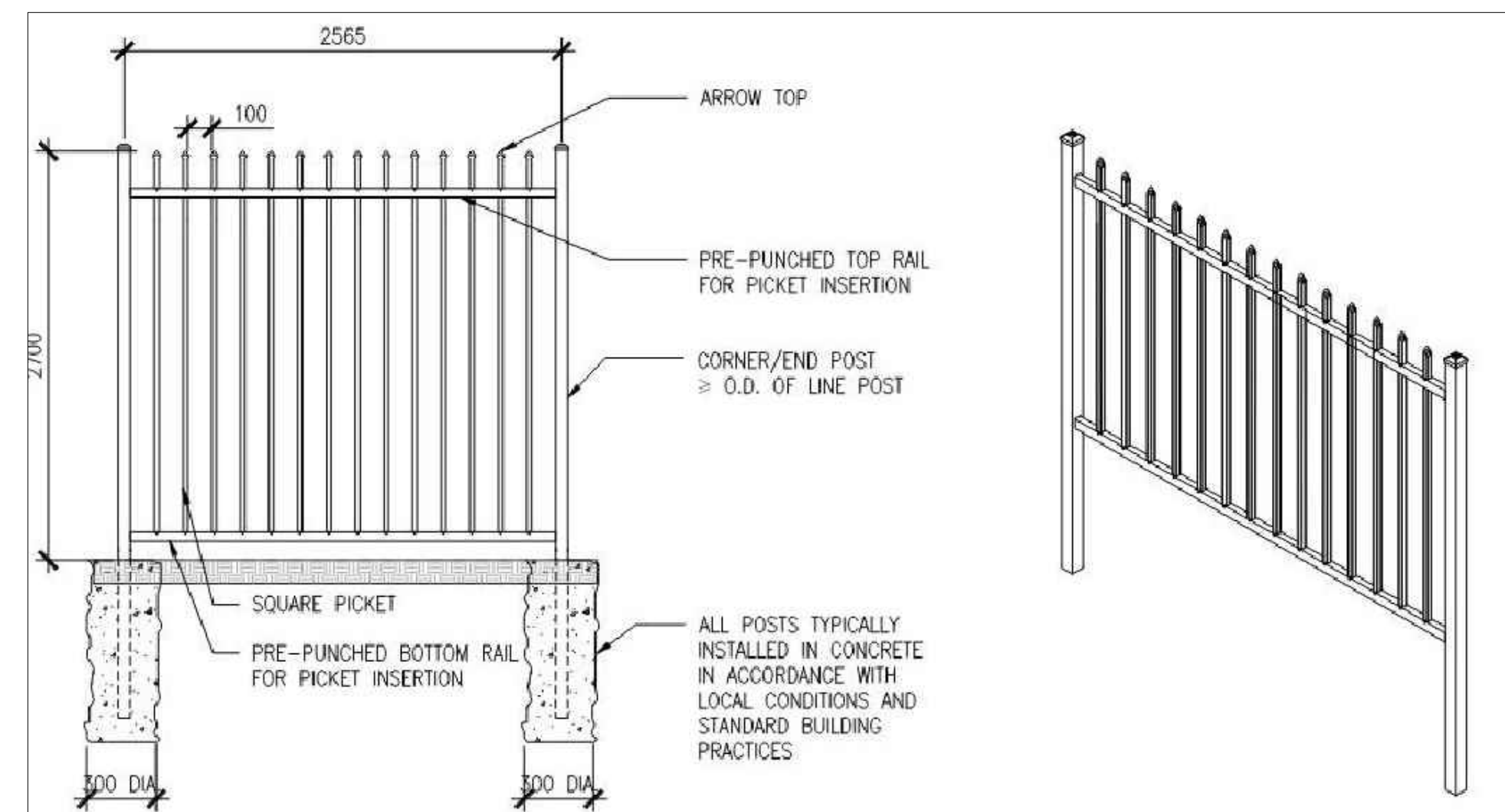


NOTES:

1. HIGH SECURITY BLACK STEEL CHAIN LINK FENCE SYSTEM (2700 HIGH) REFER TO SITE PLAN FOR LOCATIONS
2. FOR CHAIN LINK FENCE MATERIALS AND COLOUR, REFER TO OWNER/CPC FOR APPROVAL

2 CHAIN LINK FENCING

Scale: 1:30



NOTES:

1. PROVIDE HIGH QUALITY METAL ORNAMENTAL FENCE (2700 HIGH) REFER TO SITE PLANS FOR LOCATIONS
2. FOR ORNAMENTAL FENCE MATERIALS AND COLOUR, REFER TO OWNER/CPC FOR APPROVAL

3 ORNAMENTAL FENCING

Scale: 1:30

LEGEND

- FORESTATION AREA
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- MEADOW AREA
- BIOSWALE AREA
- VERNAL HABITAT AREA
- EXISTING DECIDUOUS TREE
- EXISTING TREE TO BE REMOVED
- LARGE DECIDUOUS TREE
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North:	Stamp:
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Project:
CANADA POST PROCESSING CENTRE
 50 LEIKIN DRIVE
 OTTAWA, ONTARIO

Drawing:
LANDSCAPE PLAN-DETAILS

Scale:	Date:
AS NOTED	JAN 24, 2023
Design By:	Drawn By:
	AB
Project Number:	Sheet Number:
2127-01	L 1.3

XXXXXXXXXX