

## PLANTING

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- # Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
- ## 2. The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
- ### It is essential to use the plans and details in conjunction with the specifications and notes.
- #### Do not scale drawings. Notes to dimensions only.
- ##### Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
- ###### Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc., to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.
- # LEGEND
- |  |                             |
|--|-----------------------------|
|  | PROPERTY LIMIT              |
|  | PROPOSED DECIDUOUS TREE     |
|  | PROPOSED CONIFEROUS TREE    |
|  | PROPOSED SHRUBS             |
|  | SPECIES<br>(SEE PLANT LIST) |
|  | QUANTITY                    |
|  | CHAINLINK FENCE             |
- # 1. Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock (latest edition) as approved by the Canadian Nursery Landscape Association.
- ## 2. Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, wetted, B or B/B, as indicated on Plant List. Bare roots are only accepted for certain species and as approved by the Landscape Architect.
- ### Plant material substitutions are not to be permitted without the written approval from the Consultant, with 48 hours notice, prior to shipping plant material to site.
- #### Plant locations are schematic / approximate only. **Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation.**
- ##### The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List.
- ###### Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
- ###### Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
- ###### In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
- ###### Approved topsoil depths are as follows:
- Plant Beds - **450mm** continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
  - Soil Seed Areas - **100mm** depth.
- # 2. Soil to be No. 1 Kentucky Bluegrass Seed sown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape Association.
- ## 3. Apply the following minimum fertilizer unless soil tests show other requirements:
- Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
  - Soil Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.
- ### Where applicable, for any plant areas with a mix of species/ cultivars noted, Contractor is to cluster like plants in groups of 3-5 and evenly distribute these in the noted area.

PROPERTY LIMIT

PROPOSED DECIDUOUS TREE

PROPOSED CONIFEROUS TREE

PROPOSED SHRUBS

SPECIES (SEE PLANT LIST)

QUANTITY

CHAINLINK FENCE

For areas steeper than 3:1, Contractor to apply erosion control blanket. Erosion control blanket to be machine woven mats made from natural wood, coco or cotton fiber, or combination depending on manufacturer, with stitching between two photo-degradable natural organic fiber nettings. Submit products for approval by Consultant. OPSS 804 applies except as may be amended and extended herein.

In addition to the specified seed mixes, all applications are to include a nurse crop as noted.

NURSE CROP

Annual Ryegrass  
Seeding Rate: 25kg/hectare

SEED MIX A: CAMPUS GREEN BY DLF PICKSEED

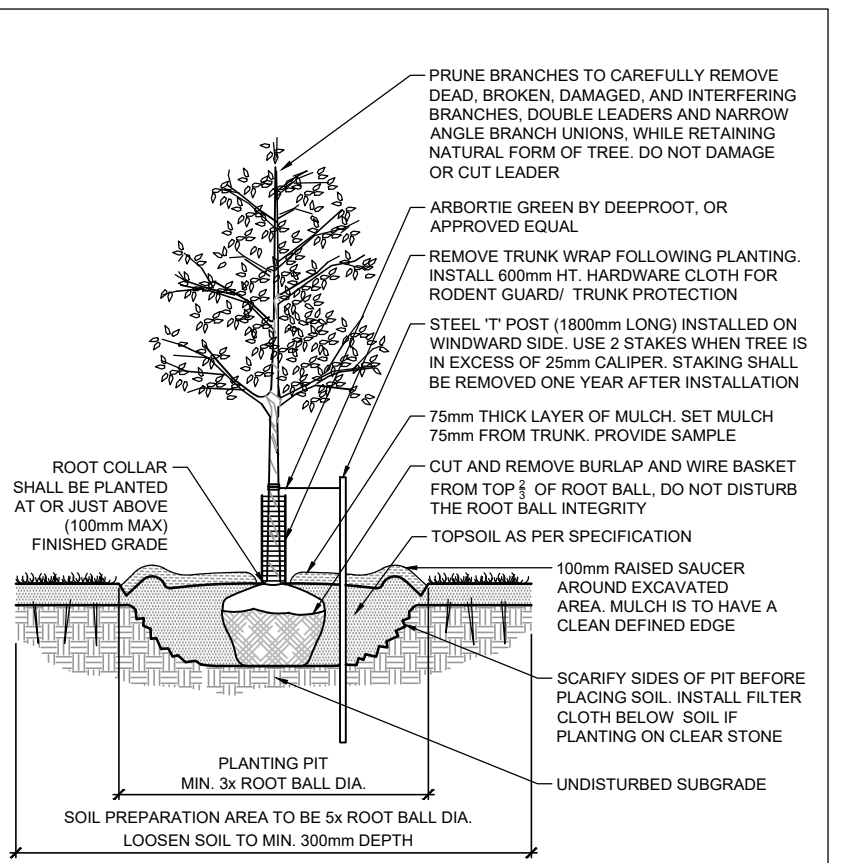
Seeding Rate: 150kg/hectare

SEED MIX B: GREENFIELDS BY DLF PICKSEED  
Seeding Rate: 175kg/hectare

**ADDITIONAL SEED MIX AND APPLICATION NOTES:**

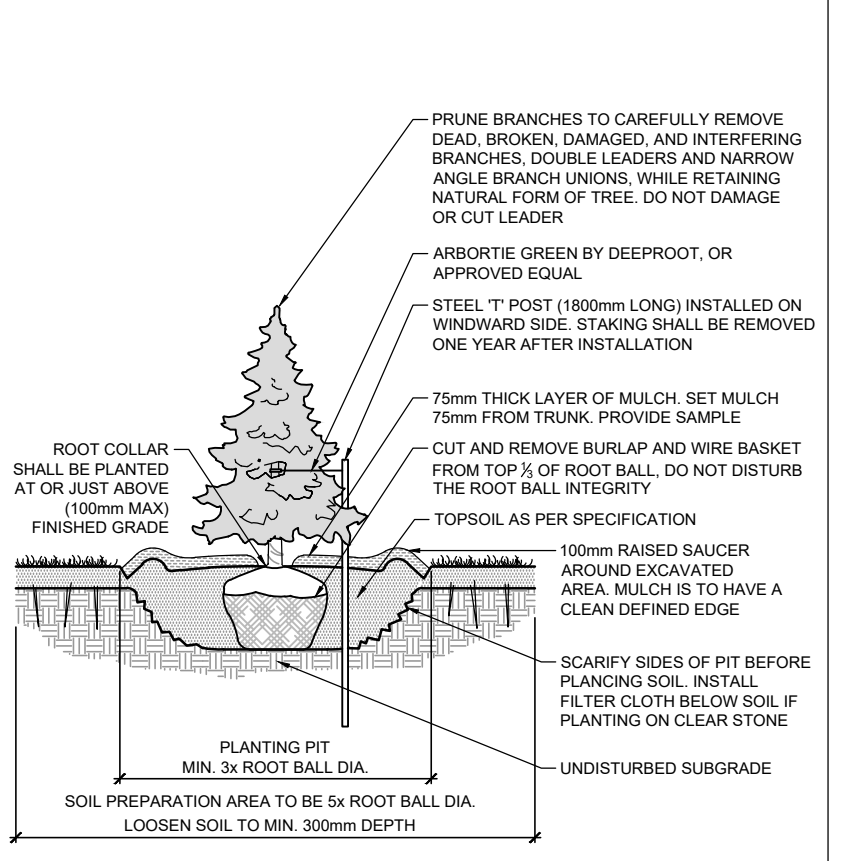
## R.O.W.

1. Ensure a minimum of 100mm of topsoil and seed with **Seed Mix A**.
- OPEN SPACE BLOCK**
1. Existing vegetation and meadow is to remain **AS IS**.  
Reinstate if there is disturbance.
  2. No imported topsoil is required where native soil remains.  
The surface is still to be fine graded, where there has been disturbance, and prepared as a suitable seeding bed.
  3. If the native topsoil has been removed or compromised  
minimum of 100mm of imported topsoil is required.
  4. Reinstate with **Seed Mix B**.



## STANDARD DECIDUOUS TREE PLANTING

D1



### STANDARD CONIFEROUS TREE PLANTING

D2

PLANT LIST							
KEY	PLANT	BOTANICAL NAME	COMMON NAME	SIZE	MATURE SIZE	CONDITION	SPACING
<b>CONIFEROUS TREES</b>							
AB	4	Abies balsamea	Balsam Fir	200cm H	20m ht. x 8m spd	PT	AS SHOWN
JE	15	Juniperus virginiana	Eastern Red Cedar	200cm H	7m ht. x 3m spd	WB	AS SHOWN
LA	4	Larix laricina	Tamarack	200cm H	32m ht. x 10m spd	PT	AS SHOWN
PAB	10	Picea abies	Norway Spruce	200cm H	25m ht. x 10m spd	PT	AS SHOWN
PG	8	Picea glauca	White Spruce	200cm H	25m ht. x 8m spd	PT	AS SHOWN
PHS	5	Pinus strobus	Eastern White Pine	200cm H	24m ht. x 10m spd	PT	AS SHOWN
TH	18	Thuja occidentalis	Eastern White Cedar	200cm H	12m ht. x 4m spd	PT	AS SHOWN
<b>LARGE DECIDUOUS TREES</b>							
AR	3	Acer rubrum	Red Maple	50mm Cal	15m ht. x 12m spd	PT	AS SHOWN
AS	6	Acer saccharum	Sugar Maple	50mm Cal	23m ht. x 18m spd	PT	AS SHOWN
ESI	5	Acer saccharum	Silver Maple	50mm Cal	20m ht. x 16m spd	PT	AS SHOWN
HP	1	Hemlock / American Fantasy	Japanese Cedar	50mm Cal	15m ht. x 12m spd	PT	AS SHOWN
CEL	5	Ced. occidentalis	Hackberry	50mm Cal	16m ht. x 17m spd	PT	AS SHOWN
PT	10	Platanus occidentalis	American Sycamore	50mm Cal	30m ht. x 25m spd	PT	AS SHOWN
PM	2	Populus tremuloides	Trembling Aspen	50mm Cal	15m ht. x 7m spd	PT	AS SHOWN
QTR	3	Quercus macrocarpa	Burr Oak	50mm Cal	22m ht. x 17m spd	PT	AS SHOWN
OR	4	Ornithoglossum	White Oak	50mm Cal	22m ht. x 20m spd	PT	AS SHOWN
TA	7	Tilia americana	Balewood	50mm Cal	26m ht. x 17m spd	PT	AS SHOWN
UV	8	Ulmus americana "Valley Forge"	Valley Forge Elm	50mm Cal	24m ht. x 24m spd	PT	AS SHOWN

SCALE		DESIGN
1:500		MEL
		CHECKED
		RGJ
		DRAWN
		MEL
		CHECKED
		RGJ
		APPROVED
		RGJ

1:500	
0	5 10 15 20

**FOR REVIEW ONLY**



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CITY OF OTTAWA  
WEST CAPITAL AIRPARK - PHASE 2 BUSINESS PARK

DRAWING NAME

LANDSCAPE PLAN  
12m WIDE OPEN SPACE BLOCK

PROJECT No.

102085-14  
R61

REV # 1

DRAWING No.

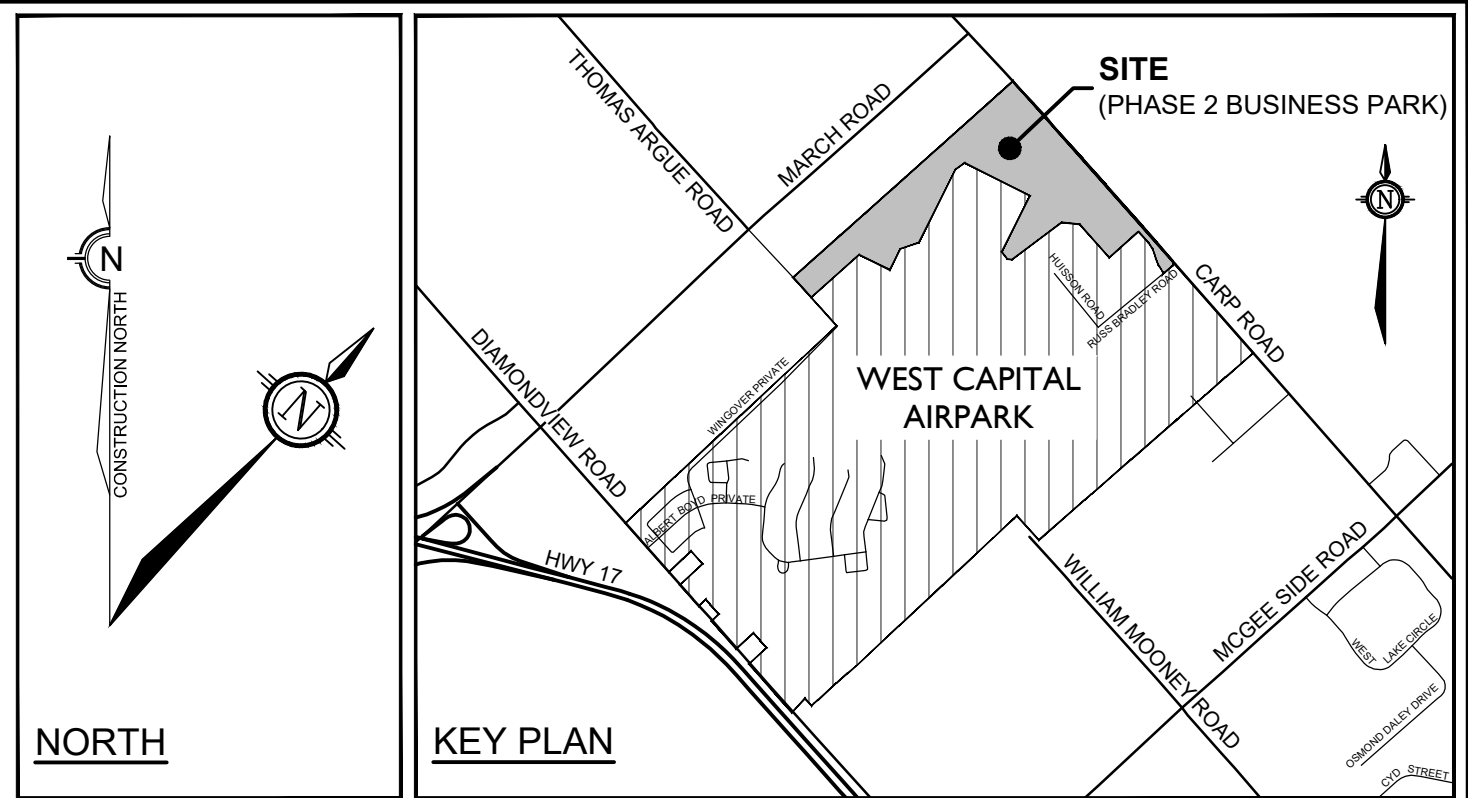
102005-2DI -L I

**NOTE:**  
THE POSITION OF ALL POLE LINES, CONDUITS,  
WATERMAINS, SEWERS AND OTHER  
UNDERGROUND AND OVERGROUND UTILITIES AND  
STRUCTURES IS NOT NECESSARILY SHOWN ON  
THE CONTRACT DRAWINGS, AND WHERE SHOWN,  
THE ACCURACY OF THE POSITION OF SUCH  
UTILITIES AND STRUCTURES IS NOT GUARANTEED.  
BEFORE STARTING WORK, DETERMINE THE EXACT  
LOCATION OF ALL SUCH UTILITIES AND  
STRUCTURES AND ASSUME ALL LIABILITY FOR  
DAMAGE TO THEM.

[illegible]

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## PLANTING

- | PLANT LIST                   |     |  |                      |          |                  |           |          |
|------------------------------|-----|--|----------------------|----------|------------------|-----------|----------|
| KEY                          | NO. | BOTANICAL NAME                           | COMMON NAME          | SIZE     | MATURE SIZE      | CONDITION | SPACING  |
| <b>CONFERUS TREES</b>        |     |  |                      |          |                  |           |          |
| AB                           | 2   | <i>Abies balsamea</i>                    | Balsam Fir           | 200cm H  | 20m ht x 8m spd  | PT        | AS SHOWN |
| JL                           | 12  | <i>Juniperus virginiana</i>              | Eastern Red Cedar    | 200cm H  | 7m ht x 3m spd   | WB        | AS SHOWN |
| LV                           | 3   | <i>Larix laricina</i>                    | Tamarack             | 200cm H  | 30m ht x 10m spd | PT        | AS SHOWN |
| PNS                          | 4   | <i>Pinus strobus</i>                     | Eastern White Pine   | 240cm H  | 24m ht x 10m spd | PT        | AS SHOWN |
| TO                           | 3   | <i>Thuja occidentalis</i>                | Eastern White Cedar  | 200cm H  | 12m ht x 4m spd  | PT        | AS SHOWN |
| <b>LARGE DECIDUOUS TREES</b> |     |  |                      |          |                  |           |          |
| ASF                          | 5   | <i>Acer saccharum</i>                    | Sugar Maple          | 60cm Cal | 25m ht x 15m spd | PT        | AS SHOWN |
| ASL                          | 5   | <i>Acer saccharinum</i>                  | Silver Maple         | 60cm Cal | 20m ht x 18m spd | PT        | AS SHOWN |
| AFB                          | 6   | <i>Acer x freemanii 'Autumn Fantasy'</i> | Autumn Fantasy Maple | 60cm Cal | 15m ht x 12m spd | PT        | AS SHOWN |
| PTO                          | 3   | <i>Platanus occidentalis</i>             | American Sycamore    | 50cm Cal | 50m ht x 25m spd | PT        | AS SHOWN |
| QM                           | 4   | <i>Quercus macrocarpa</i>                | Burr Oak             | 50cm Cal | 22m ht x 16m spd | PT        | AS SHOWN |
| QR                           | 3   | <i>Quercus rubra</i>                     | Red Oak              | 50cm Cal | 22m ht x 20m spd | PT        | AS SHOWN |
| RA                           | 4   | <i>Rosa rugosa</i>                       | Rosewood             | 50cm Cal | 25m ht x 15m spd | PT        | AS SHOWN |
| UAV                          | 9   | <i>Ulmus americana 'Valley Forge'</i>    | Valley Forge Elm     | 50cm Cal | 24m ht x 24m spd | PT        | AS SHOWN |

**PLAN LAYOUT**

**NOTE:**  
PLANT MATERIAL IN GROUPS OF 5 OR 7 OF ONE SPECIES, DISPERSER GROWN IN A RANDOM PATTERN, AS IN THE DIAGRAM TO THE LEFT.

PLANT MATERIAL IN A TRIANGULAR GRID AT SPACING SPECIFIED ON PLANT LIST.

PRUNE BRANCHES TO CAREFULLY REMOVE DEAD, BROKEN, DAMAGED, AND INTERFERING BRANCHES. WHILE RETAINING NATURAL FORM OF PLANT; IF CONSIDERABLE DO NOT DAMAGE OR CUT LEADER

75mm THICK LAYER OF MULCH. SET MULCH 50mm FROM BASE. PROVIDE SAMPLE

CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 5; OF ROOT BALL. DO NOT DISTURB THE ROOT BALL INTEGRITY. IF POTTED, REMOVE POT ENTIRELY

NATIVE SOIL ON SITE

BACKFILL SOIL IN 150mm LIFTS. TAMP EACH LIFT TO ELIMINATE AIR POCKETS AND SETTLEMENT

UNDISTURBED SUBGRADE

ROOT COLLAR SHALL BE PLANTED AT OR JUST ABOVE (100mm MAX) FINISHED GRADE

PLANTING HOLE  
Ø 2x  
ROOT BALL DIA.

MULCH RING  
1.2m DIA.

O.C. SPACING AS PER PLANT LIST. REFER TO PLANT LIST FOR TYPICAL SPACING

**TREE/SHRUB NATURALIZATION PLANTING**

**D3**

DRAWING No.	
102085-2BP-L	







