

**PLAN TO BE READ IN CONJUNCTION
WITH TREE CONSERVATION REPORT
OFFICE BUILDING DEVELOPMENT
3026 SOLANDT ROAD CITY OF OTTAWA
January 15, 2020, revised March 30, 2020**

THIS PLAN IS ISSUED FOR SITE PLAN CONTROL ONLY.
ADDITIONAL DETAILING AND SPECIFICATIONS ARE
REQUIRED PRIOR TO TENDERING AND CONSTRUCTION.

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.2 The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.

.3 All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.

.4 No other trees to be removed without prior approval by Landscape Architect.

A circular seal is shown. Inside the circle, a triangle is formed by three points on the circumference. A line segment connects one of the vertices of the triangle to the center of the circle. The word "north" is written below the circle, and the word "seal" is written to the right of the circle.

project

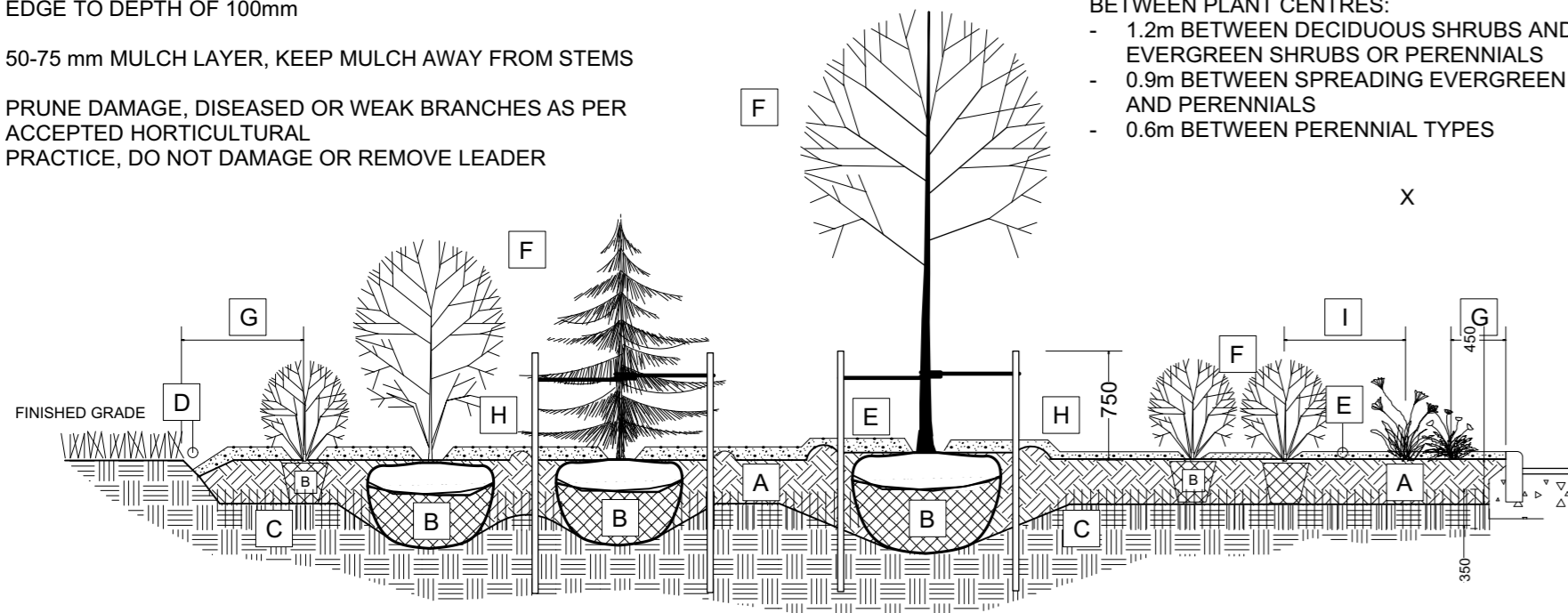
**SOLANDT ROAD
OFFICE BUILDING**

3026 SOLANDT ROAD, KANATA,
ONTARIO

scale 1:500	drawn by M. Malkov	designed by R. Ruhland
date December 2019	checked by R. Ruhland	plot date Mar. 31/20

Contractor to check and verify all dimensions on the job
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- A 450mm COMPACTED PLANTING MEDIUM, DEEPEN AT TREES
- B ROOTBALL, TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING MEDIUM
- C 350mm PLANTING MEDIUM / SUBSOIL, CULTIVATED LAYER, CULTIVATE AT TREE PIT BOTTOM. SEE NOTE BELOW.
- D EDGE TO DEPTH OF 100mm
- E 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS
- F PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE, DO NOT DAMAGE OR REMOVE LEADER
- G FIRST ROW OF PERENNIALS TO BE PLANTED 600mm FROM EDGE OF BED/CURB FIRST ROW OF SHRUBS TO BE PLANTED 900mm FROM EDGE OF BED/CURB
- H PROVIDE 150 mm DEEP SAUCER AT TREES
- I PLANT SPECIES TO HAVE A MINIMUM SEPARATION BETWEEN PLANT CENTRES:
- 1.2m BETWEEN DECIDUOUS SHRUBS AND SPREADING EVERGREEN SHRUBS OR PERENNIALS
 - 0.9m BETWEEN SPREADING EVERGREEN SHRUBS AND PERENNIALS
 - 0.6m BETWEEN PERENNIAL TYPES



BED PREPARATION

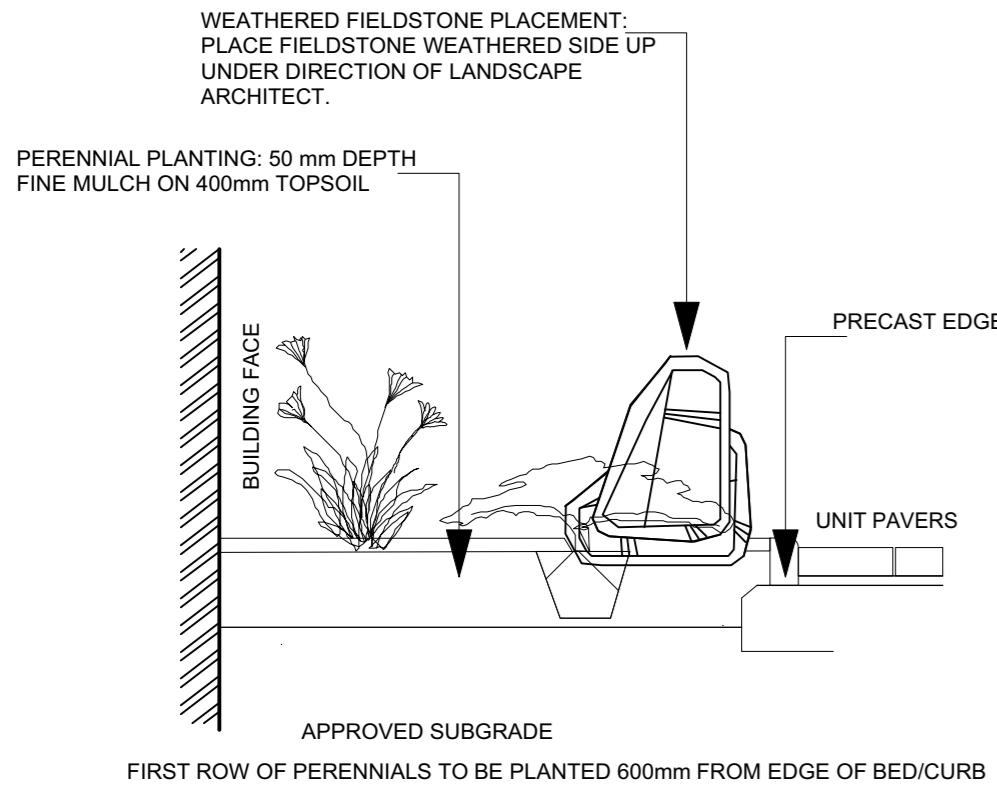
- EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 450mm MINIMUM DEPTH OF PLANTING MEDIUM. PLANTING BED TO BE DEEPEMED AT TREE LOCATIONS. IF BASE OF PIT IS OVER EXCAVATED, RAISE BOTTOM TO PROPER LEVEL WITH COMPACTED PLANTING MEDIUM.
- PLACE 150mm PLANTING MEDIUM ON SUBGRADE AND CULTIVATE INTO TOP 200mm OF SUBSOIL. SEE NOTE BELOW.
- PLACE REMAINDER OF PLANTING MEDIUM OVER CULTIVATED PORTION TO ACHIEVE FINAL GRADE.
- CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.
- ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS WHERE APPLICABLE.

TREE PLANTING:

- CUT AND REMOVE TOP 1/3 OF BURLAP AND WIRE BASKET FROM ROOTBALL.
- PLACE 2-METAL POSTS (40 x 40 x 2100 mm) AT OUTSIDE OF ROOTBALL AND FASTEN TO TRUNK WITH APPROVED TREE TIES.
- WATER THOROUGHLY SUBSEQUENT TO PLANTING.
- WRAP TREE TRUNK AFTER INSPECTION OF TREES BY LANDSCAPE ARCHITECT.
- PROTECT TREE FROM RODENT DAMAGE.
- REMOVE TREE RINGS, STAKES AND TRUNK WRAPPING AFTER WARRANTY PERIOD.

1 PLANTING BED DETAIL ON GRADE NTS

NOTE:
PLANTING BED AREAS: EXCAVATE TO 500mm BELOW FINAL GRADE TO ACHIEVE ROUGH GRADE ELEVATION. WHERE GRAVEL IS ENCOUNTERED ROUGH GRADE LEVEL TO BE 1000mm BELOW FINAL GRADE. PLACE APPROVED SUBSOIL IN THESE LOCATIONS TO OBTAIN PLANTING MEDIUM DEPTH. PLACEMENT OF SUBSOIL TO BE PAID AT UNIT PRICE PER m² OF SUBSOIL PLACED MEASURED ON SITE.

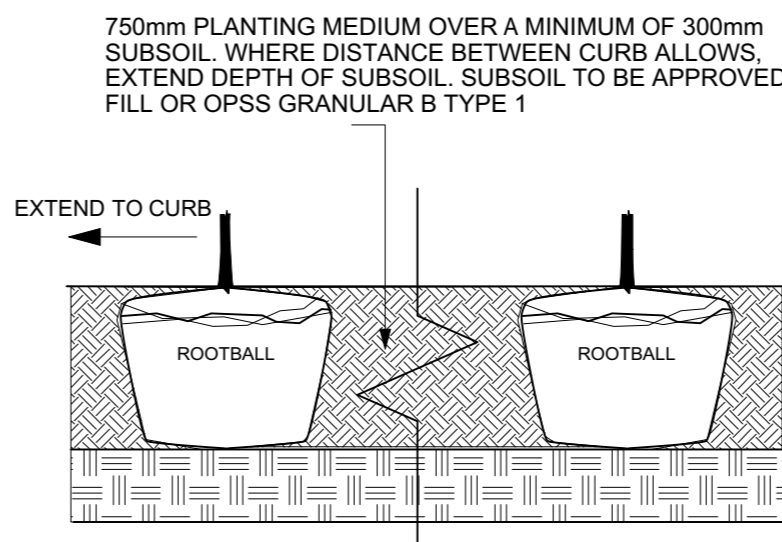
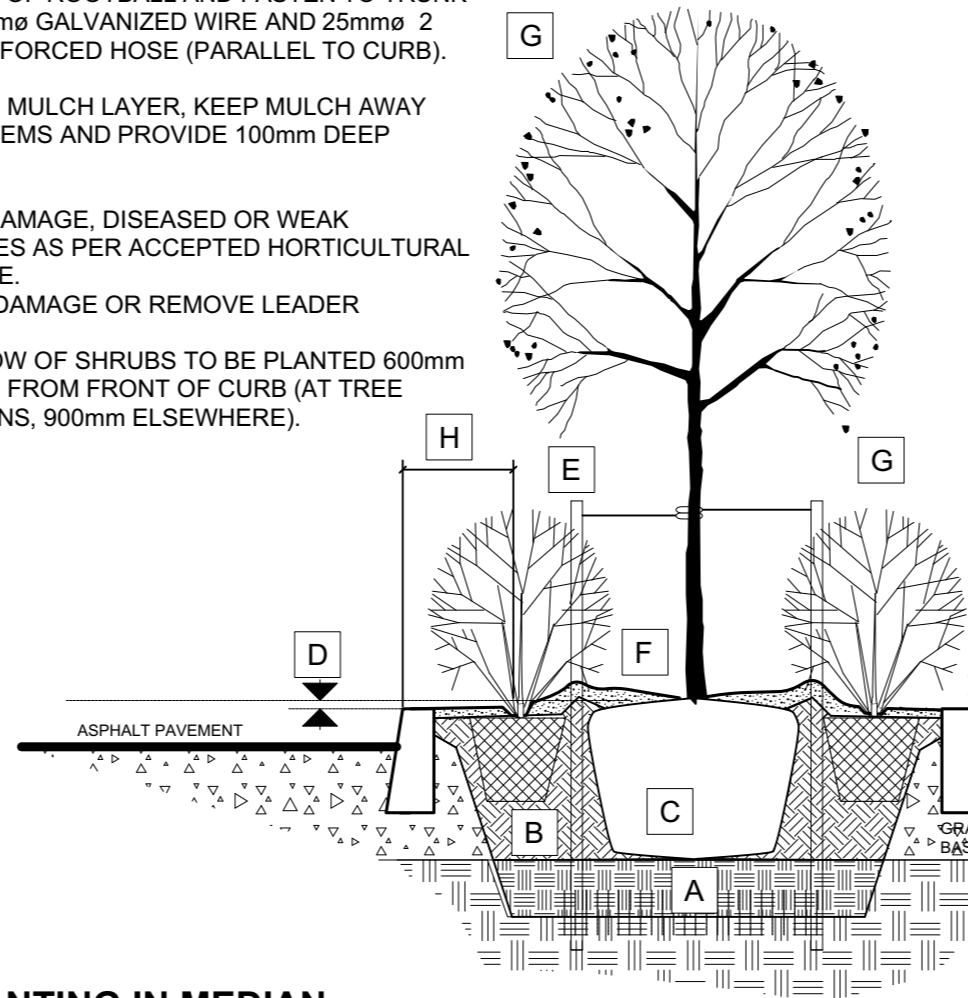


Bed Preparation

- EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 400mm MINIMUM DEPTH OF PLANTING MEDIUM.
- PLACE 150mm PLANTING MEDIUM ON APPROVED SUBGRADE AND CULTIVATE INTO TOP 150mm OF APPROVED SUBSOIL.
- PLACE REMAINDER OF PLANTING MEDIUM OVER CULTIVATED PORTION TO ACHIEVE FINAL GRADE.
- CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.
- ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING WALLS WHERE APPLICABLE.

3 ROCKERY WITH PERENNIALS NTS

- A SUBSOIL / SUBGRADE CULTIVATED LAYER
- B PLANTING MEDIUM
- C ROOTBALL / POT
- D TOP OF ROOT CROWN TO BE FLUSH WITH PLANTING SOIL
- E 2-METAL POSTS (40x 40x 2100 mm) PLACE AT OUTSIDE OF ROOTBALL AND FASTEN TO TRUNK WITH 3mm GALVANIZED WIRE AND 25mm 2 PLY REINFORCED HOSE (PARALLEL TO CURB).
- F 50-75 mm MULCH LAYER, KEEP MULCH AWAY FROM STEMS AND PROVIDE 100mm DEEP SAUCER.
- G PRUNE DAMAGE, DISEASED OR WEAK BRANCHES AS PER ACCEPTED HORTICULTURAL PRACTICE. DO NOT DAMAGE OR REMOVE LEADER
- H FIRST ROW OF SHRUBS TO BE PLANTED 600mm MINIMUM FROM FRONT OF CURB (AT TREE LOCATIONS, 900mm ELSEWHERE).



SECTION LENGTHWISE THROUGH MEDIAN

- EXCAVATE OR PLACE FILL FOR PLANTING BED TO PROVIDE 750mm MINIMUM DEPTH OF PLANTING MEDIUM AND 300mm DEPTH SUBSOIL (CONTINUOUS BETWEEN TREES). CULTIVATE PLANTING SUBSOIL INTO SUBGRADE TO A DEPTH OF 150mm.
- PLACE COMPACTED PLANTING MEDIUM ON SUBSOIL TO ACHIEVE FINAL GRADE.
- CENTRE OF BED TO BE CROWNED ABOVE ADJACENT GRADE TO APPROVAL OF CONSULTANT.

2 PLANTING IN MEDIAN NTS

Plant List					
ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
Trees					
Co	4	Celtis occidentalis	Common Hackberry	70mm cal.	WB, Staked
GtD	3	Gleditsia triacanthos inermis 'Draves'	Street Keeper Honeylocust	70mm caliper	WB, Staked
GtS	8	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	70mm cal.	WB, Staked
Pp	2	Picea pungens	Colorado Spruce	200 cm ht	WB, Staked
Qr	2	Quercus rubra	Red Oak	70mm cal.	WB, Staked
Sr	3	Syringa reticulata - multistem clump	Japanese Tree Lilac - multistem clump	200cm ht.	WB, Staked
UaB	4	Ulmus americana 'Brandon'	Brandon Elm	70mm cal.	WB, Staked
Shrubs					
HaA	15	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	2 gallon pot	1.0m o.c.
PoDG	145	Physocarpus opulifolius 'Dart's Gold'	Dart's Gold Ninebark	50cm ht.	Potted, 1.0m o.c.
Rt	30	Rhus typhina	Staghorn Sumac	80 cm ht.	Potted, 1.75m o.c.
SbF	55	Spiraea bumalda 'Froebeli'	Froebel's Spirea	50 cm ht.	Potted, 0.9m o.c.
SnS	105	Spiraea nipponica 'Snowmound'	Snowmound Spirea	50cm ht.	Potted, 0.9m o.c.
ToH	6	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	100 cm ht.	Potted
Perennials					
CaKF	40	Calamagrostis acutifolia 'Karl Foerster'	Karl Foerster Feather Reed Grass	150mm Pot	75cm o.c.
CaO	55	Calamagrostis acutifolia 'Overdam'	Overdam Feather Reed Grass	150mm Pot	75cm o.c.
PvA	105	Flowering Perennials A	Daylilies, Echinacea, Rudbeckia, Siberian Iris	150mm Pot	60cm o.c.
PvB	70	Flowering Perennials B	Daylilies, Shasta Daisy, Veronica, Beebalm	150mm Pot	60cm o.c.
PvHM	45	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	150mm Pot	75cm o.c.

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2	SPC resubmission	Mar. 31/20
1	SPC submission	Jan. 17/20
no.	issue / revision	date

