

Plant List					
ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks
		Trees			
BnC	1	Betula nigra Clump	River Birch	50mm cal.	WB, Staked
Ms	1	Magnolia stellata	Star Magnolia	250cm ht.	BB Staked
		Large Shrubs			
CaW	1	Caragana arborescens 'Walker'	Walker's Weeping Caragana	125cm stem	Potted
HpG	1	Hydrangea paniculata 'Grandiflora' standard	Peegee Hydrangea standard	125cm stem	Potted
		Shrubs			
SjS	25	Spirea japonica 'Shirobana'	Spirea Shirobana	100cm ht.	Potted
		Perennials			
PvA	18	Low Flowering perennials		150mm Pot	50cm o.c.
PvB	35	Flowering perennials		150mm Pot	60cm o.c.
PyC	45	Ornamental Grasses		150mm Pot	60cm o.c.

CONTRACTOR TO REPORT ANY DISCREPANCIES FOUND BETWEEN PLAN & PLANT LIST PRIOR TO PLANTING

Perennial types (invasive species such as Miscanthus are not to be planted)

PyA: Low Flowering perennials up to 30cm ht (minimum 5 species mix): Cranesbill Geranium, Sweet Woodroffe, Low Meadow Sage, Coral Bells, Dianthus, Lung Wort, low Phlox.

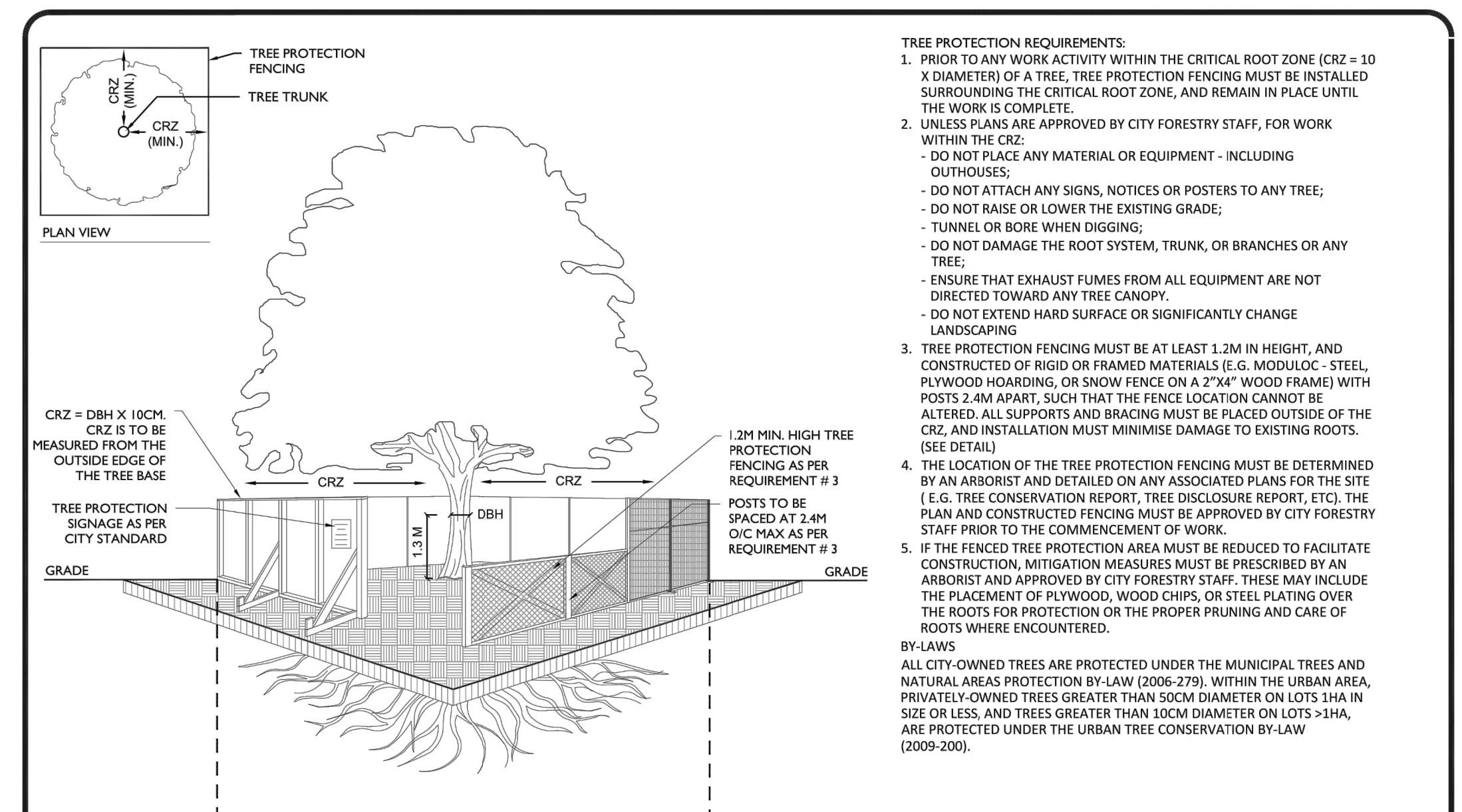
PvB: Tall Flowering Perennials (minimum 5 species mix): Shasta Daisy, Coneflower, Veronica, Tall Meadow and Russian Sage, Tall Phlox, Rudbeckia

PvC: Ornamental Grasses (minimum 2 species mix); feather Reed Grass, Switch grass, Tufted Hairgrass

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

**PLAN TO BE READ IN CONJUNCTION WITH TREE INFORMATION
REPORT PREPARED BY IFS ASSOCIATES INC**

TREE SOIL VOLUME CALCULATIONS - 1291 Summerville Avenue				
Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA TARGET SOIL VOLUME (m ³)	Design Soil Volume	SOIL ADEQUACY percentage
AREA A - 1 Large Shrub in plant bed*				
Plant bed (6 sq m x 0.4 metre deep average)	1	2.0	2.4	120.00%
AREA B- 1 ornamental tree in plant bed				
plant bed (19.5 sq m x .8 metre deep ave)	1	15.0	15.6	104.00%
AREA C - 1 small tree in plant bed				
Plant bed (25 sq m x .8 metre deep ave)	1	20.0	20.0	100.00%
AREA A - 1 Large Shrub in plant bed*				
plant bed (7 sq m x .4 metre deep ave)	1	2.0	2.4	120.00%



TREE PROTECTION SPECIFICATION

TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SCALE: NTS
DATE: MAY 2019
DRAWING NO.: 1 of 1

1 - 01

Contractor to check and verify all dimensions on the job

TREE SOIL VOLUME REQUIREMENTS:

- TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH.
- WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUSIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN 900-1000mm SOIL VOLUME DEPTH REQUIRED.
- REFER TO SOIL VOLUME CHART AND PLANS FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.

NOTES:

1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

Ottawa TITLE: PLANTING TRENCH WELL DRAINED SOILS DATE: MAY 2001
REV: JAN 2017
DWG No: L1

NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD

Ottawa TITLE: CONTINUOUS SHRUB BED PLANTING DATE: FEB 2013
REV: FEB 2014
DWG No: L17

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
3. PROVIDE 100MM HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

Ottawa TITLE: PERENNIAL AND ORNAMENTAL GRASS PLANTING DATE: JAN 2015
REV:
DWG No: L21

NOTES:

1. THE LEVELING COURSE (BEDDING SAND) SHALL BE PLACED LOOSE, IN A UNIFORM LAYER AT A MAXIMUM DEPTH OF 25mm TO ACHIEVE THE FINAL COMPACTED THICKNESS AND GRADE AS SPECIFIED
2. INSTALL SOLID EDGE RESTRAINT BETWEEN UNIT PAVERS AND ANY SOFT SURFACE (SOD, PLANTING BED, ETC.)
3. UNIT PAVERS ARE THEN PLACED ON TOP OF THE LEVELING COURSE AND ADDITIONAL SAND SWEEP BETWEEN THE UNIT PAVERS
4. THE UNIT PAVERS ARE THEN VIBRATED INTO PLACE WITH A VIBRA-PLATE AND WATER IS ADDED TO ASSIST IN THE SETTLING OF THE JOINT SAND
5. GRANULAR 'A' DEPTH TO BE 100mm FOR PEDESTRIAN AREAS AND 150mm FOR VEHICULAR ACCESSES. OR AS RECOMMENDED BY GEOTECHNICAL INVESTIGATION
6. USE OF THIS DETAIL REQUIRES THE PRIOR APPROVAL OF THE GENERAL MANAGER

Ottawa TITLE: UNIT PAVING - ON GRANULAR BASE DATE: MAY 2001
REV: FEB 2016
DWG No: SC9

ADDITIONAL NOTES FOR NUMBER 5: 100mm DEPTH GRANULAR 'A' TO BE USED (AFTER APPROVAL) ONLY IN PEDESTRIAN WHERE NO SNOW REMOVAL IS PLANNED. ALL OTHER PEDESTRIAN AREAS ARE TO RECEIVE 150mm COMPACTED GRANULAR 'A' MINIMUM, VEHICULAR 200mm MINIMUM. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.

NOTES:

- ALL WOOD TO BE GRADE A EASTERN WHITE CEDAR.
- ALL FASTENERS TO BE ALUMINUM OR HOT DIPPED GALVANIZED.
- WOOD SCREWS TO BE EXTERIOR GRADE, COATED.
- WOOD FENCE TO BE LEFT NATURAL.
- PROVIDE MOCKUP SAMPLE.

WOOD PRIVACY FENCE DETAIL

3 Requested tree protection detail Mar. 07/22
2 Requested fence detail Jan. 19/22
1 City submission Nov. 18/21
no. issue / revision date

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north seal

project 1291 SUMMERVILLE
1291 Summerville
Avenue Ottawa, ON
drawing title

LANDSCAPE DETAILS

scale	drawn by	designed by
NTS	M. Malkov	R. Ruhland
date	checked by	plot date
October 2021	R. Ruhland	.
project number	drawing number	
21-1662	L - 02	

Contractor to check and verify all dimensions on the job