Legend

Asphalt Concrete Ψ , Φ, , Φ, , Φ , , Ψ , Ψ , Φ, , Φ Pavers

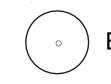


Accessible parking





Electric vehicle plug-in parking



Existing trees



Critical Root Zone



Proposed trees



PvA 130 Sun perennials (minimum 3 species mix)

PvB 40 Shade perennials (minimum 3 species mix) Hostas, Ferns, Rodgersia

Sod

Proposed perennials / Ornamental Grasses

Existing wood screen fence Sound attenuation fence

Tree protection fence _____ 4.5m Geotechnical offset

7.5m Geotechnical offset

Plan	t Li	st				
ID	Qty	Botanical Name	Common Name	Scheduled Size	Remarks	
		TREES				
As	1	Acer rubrum 'Autumn Spire'	Red Maple	70mm caliper	WB, Staked	
GtD	1	Gleditsia triacanthos inermis 'Draves'	Streetkeeper Honeylocust	70mm caliper	WB, Staked	
Mj	1	Malus Evereste	Domestic Apple	50mm caliper	WB, Staked	
MHG	1	Malus x `Harvest Gold`	Harvest Gold Crabapple	50mm caliper	WB, Staked	
PcN	1	Pinus cembra 'Nana'	Dwarf Swiss Stone Pine	100 cm ht	WB, specimen	
Рс	2	Pyrus calleryana	Callery Pear	70mm caliper	WB, Staked	
Qr	1	Quercus robur	English Oak	50mm caliper	WB Staked	
SrIP	1	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	50mm caliper	WB, Staked	
		SHRUBS				
CaW	1	Caragana arborescens 'Walker'	Walker's Weeping Peashrub	125cm STEM	WB, specimen	
PoDM	13	Physocarpus opulifolius 'Donna May'	Little Devil Ninebark	2 gallon pot	Potted	
Sp	8	Spiraea prunifolia	Bridal Wreath Spirea	50 cm ht.	Bare root	
SpMK	9	Syringa patula 'Miss Kim'	Miss Kim Dwarf Lilac	100cm ht.	3 gallon Pot	
ТоН	10	Thuja occidentalis 'Holmstrup'	Holmstrup Eastern Arborvitae	100 cm ht.	Potted	
		ORNAMENTAL GRASSES				
CaKF	108	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gallon pot	Potted	
PvHM	37	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	1 gallon pot	Potted	
		PERENNIALS				

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

PvC 190 Shade groundcovers (minimum 3 species mix) Cranesbill, Spotted Dead Nettle, Woodland Stonecrop

Purple Coneflower, Shasta Daisy, Russian Sage

Soil Volume Area, Tree Quantity and Size	Tree Quantity	OTTAWA TARGET SOIL VOLUME (m3)	Design Soil Volume	SOIL ADEQUACY percentage
AREA A - 1 medium shade tree				
plant bed (34.5 sq m x 0.7 avg metre deep)	1	25.0	24.2	96.60%
AREA B - 1 small columnar evergreen (10cm DBH)*				
plant bed (11 sq m x 0.6 avg metre deep)	1	6.0	6.6	110.00%
AREA C - 1 small shade tree, 1 small ornamental tree	(15cm DBI	H)*, 1 small or	namental tree	(8cm DBH)
plant bed (67 sq m x 0.4 avg metre deep)	3	21.1	26.8	127.01%
AREA D - 2 large shade trees				
plant bed (30.7 sq m x 1 avg metre deep)	2	36.0	30.7	85.28%
AREA E - 4 large shrubs*				
plant bed (14.8 sq m x 0.4 avg metre deep)	4	5.6	5.9	105.71%

4.5 metre offset – allowance for low water requirement plants such as small ornamental plants such as horticultural cedars, junipers, grafted deciduous such as caragana, small crab apples under 4.5 metre

4.5 to 7.5 metre offset – allowance for low water requirement trees up to 7.5 metre mature height.

Beyond 7.5 metres – low water requirement trees 7.5 to 14 metre mature height. Trees over 14 metre mature height to be planted mature height away from building.

ALL PLANT MATERIAL SHALL BE WARRANTIED FOR TWO YEARS FROM THE DATE OF SUBSTANTIAL PERFORMANCE AS DETERMINED BY THE CITY OF OTTAWA.

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

DRAWING TO BE READ IN CONJUNCTION WITH TREE CONSERVATION REPORT. REFER TO TREE CONSERVATION REPORT PREPRARED BY <u>IFS</u> DATED <u>2021-11-18</u> FOR TREE PROTECTION MEASURES AND DETAILS. MAP REVISED <u>2022-07-08</u>

GENERAL NOTES

1 All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.

.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 Obtain approval of Landscape Architect for granular

base and layout of all pavement areas prior to construction.

.5 Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.

Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.

All sodded areas to receive a minimum of 150mm of topsoil over graded sub-base. If sod with mesh is used, mesh to be removed completely during sodding operations. Sod shall come from an approved source and shall be laid within 24 hours of being cut in the nursery. Only nursery sod shall be

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construction activities.

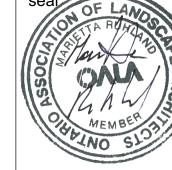
.9 Maintain positive surface runoff through the entire construction period.

.10 Reinstate all areas and items damaged as a result of

6	Re-issued SPC submission	2024/07/0
5	Re-issued SPC submission	2023/07/2
4	Re-issued SPC submission	2023/04/2
3	Re-issued SPC submission	2023/01/0
2	Re-issued SPC submission	2022/07/0
1	Issued for SPC submission	2021/11/22

issue / revision





Ruhland & Associates Ltd

project

3996 INNES RD, OTTAWA ON

drawing title

LANDSCAPE PLAN

			 \sim
scale	drawn by	designed by	2
1:100	C. Reed/T. Frost	C. Reed	-03
date	checked by	plot date	5
November 2021	M. Ruhland	Nov10, 2021	-
project number	drawing number		700

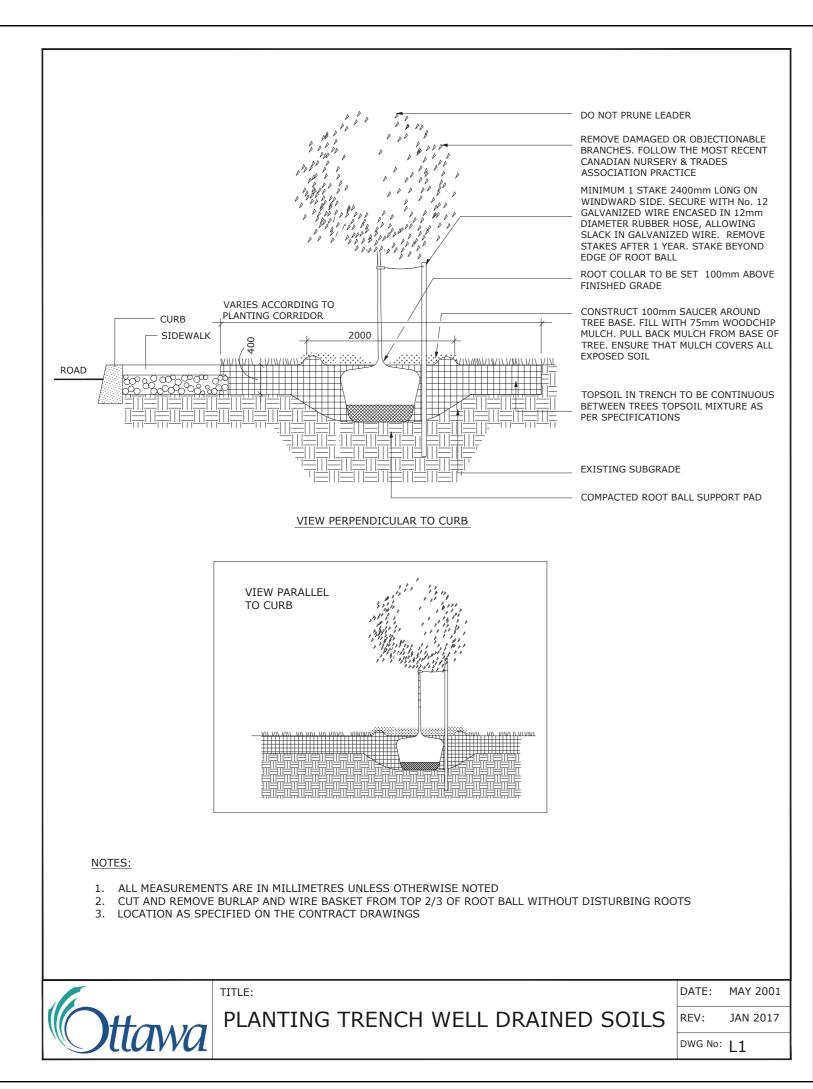
21-1647

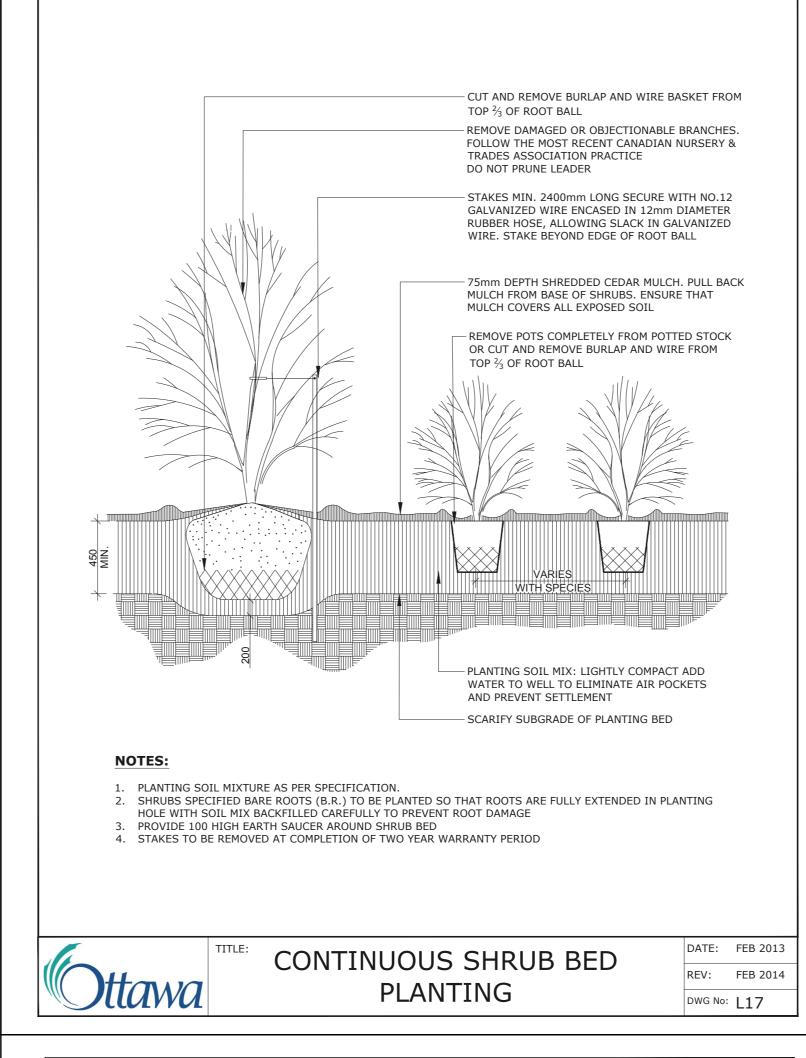
Contractor to check and verify all dimensions on the job

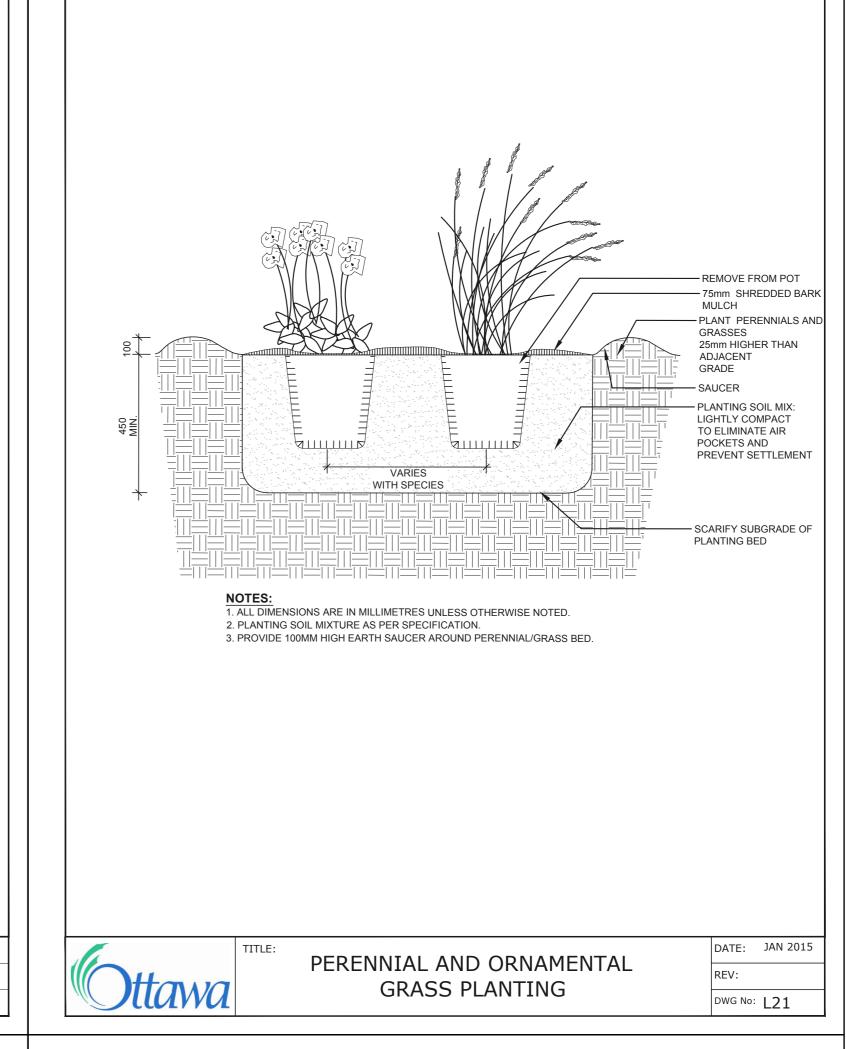
TREE SOIL VOLUME REQUIREMENTS: - STANDARD TREE SOIL VOLUMES QUANTITIES INCLUDE THE TOP 900-1000mm OF SOIL/EXISTING SUBSOIL LAYER TO CALCULATE TOTAL SOIL VOLUMES REQUIRED BY CITY OF OTTAWA FOR SUSTAINABLE TREE GROWTH. WHERE LARGER SOFT AREAS ARE AVAILABLE, THE TOP 400-500mm LAYER IS USED TO CALCULATE SOIL VOLUMES.

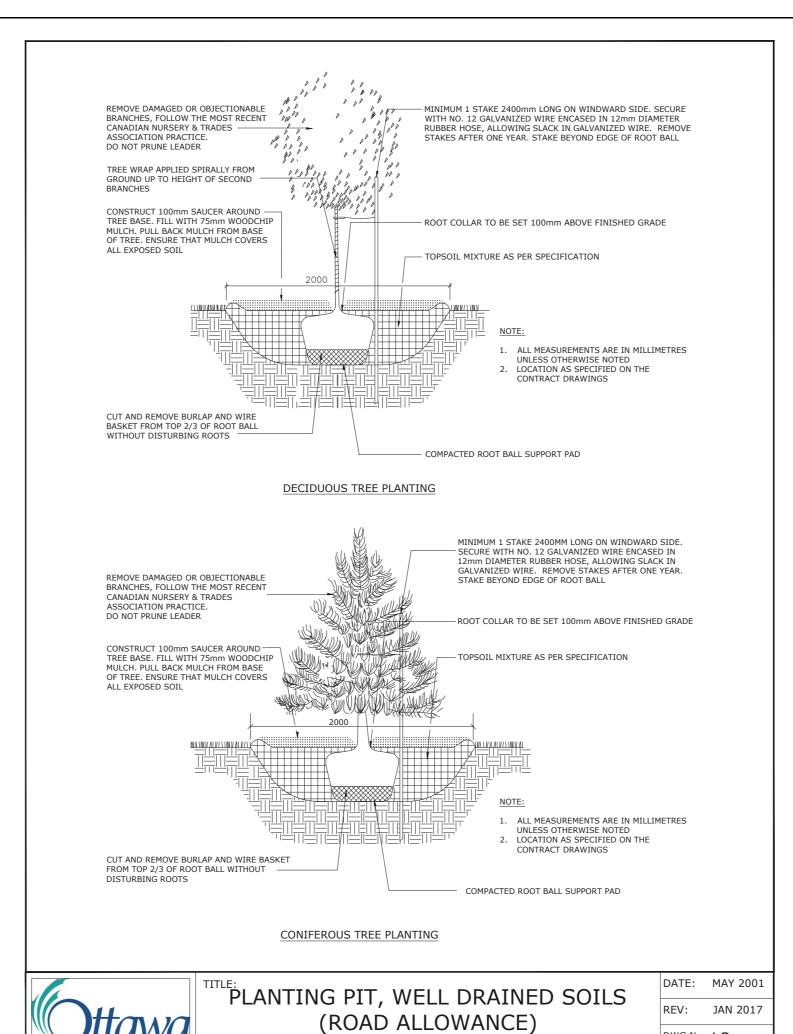
WHERE EXISTING MATERIAL BELOW THE SPECIFIED TOPSOIL IS NOT CONDUCIVE TO TREE GROWTH, AN ADDITIONAL LAYER OF PLANTING MEDIUM IS TO BE INSTALLED BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN THE SOIL VOLUME DEPTH REQUIRED.

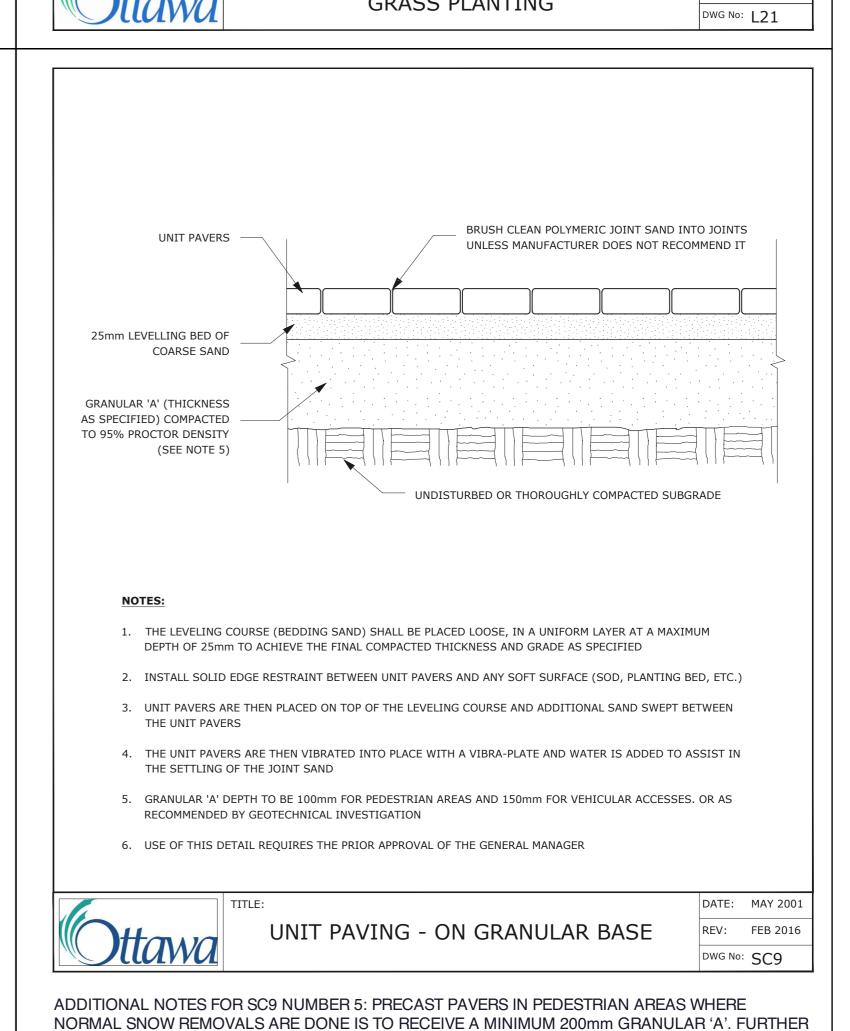
REFER TO SOIL VOLUME CHART AND PLANS _FOR AREA WHERE TREE SOIL VOLUMES ARE REQUIRED.







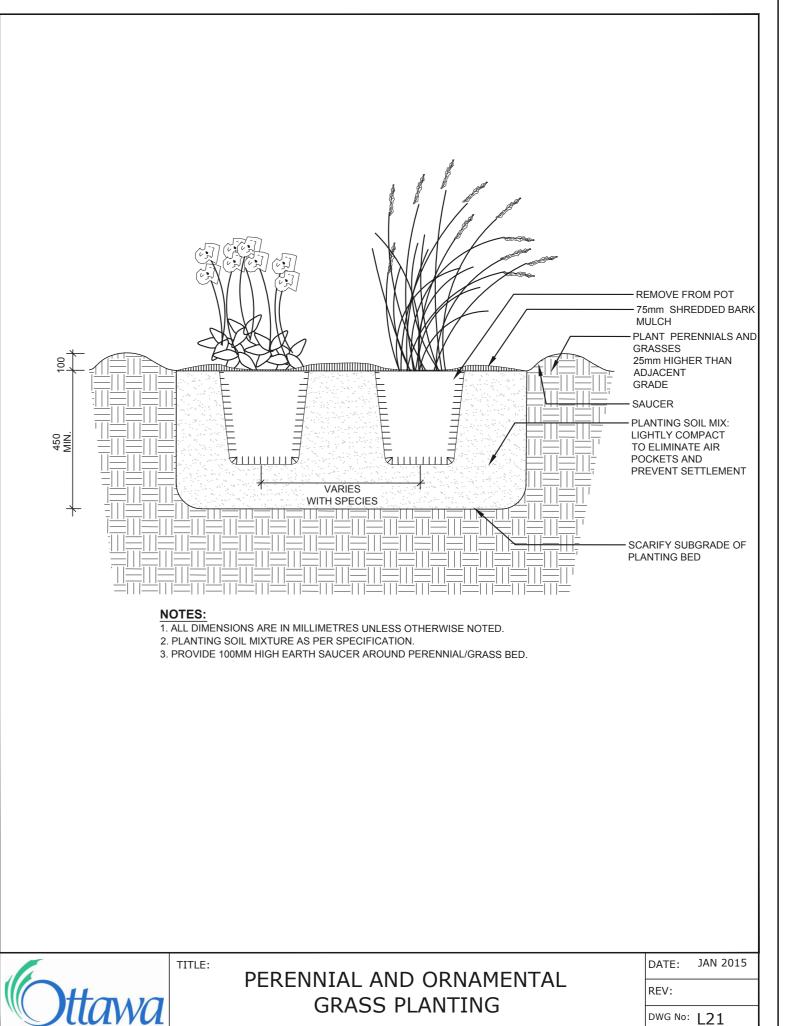




ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL

RECOMMENDATIONS.

DWG No: L3





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2024/07/05 6 Re-issued SPC submission 2023/07/20 Re-issued SPC submission 4 Re-issued SPC submission 2023/04/24 2023/01/09 3 Re-issued SPC submission 2 Re-issued SPC submission Issued for SPC submission 2021/11/22

no. issue / revision

date

north

Ruhland & Associates Ltd

project

3996 INNES RD, OTTAWA ON

drawing title

DETAILS drawn by

designed by scale C. Reed/T. Frost C. Reed date checked by plot date Nov10, 2021 November 2021 M. Ruhland project number drawing number

Contractor to check and verify all dimensions on the job

L-03 Scale: NTS

REFER TO SITE PLAN FOR LOCATIONS

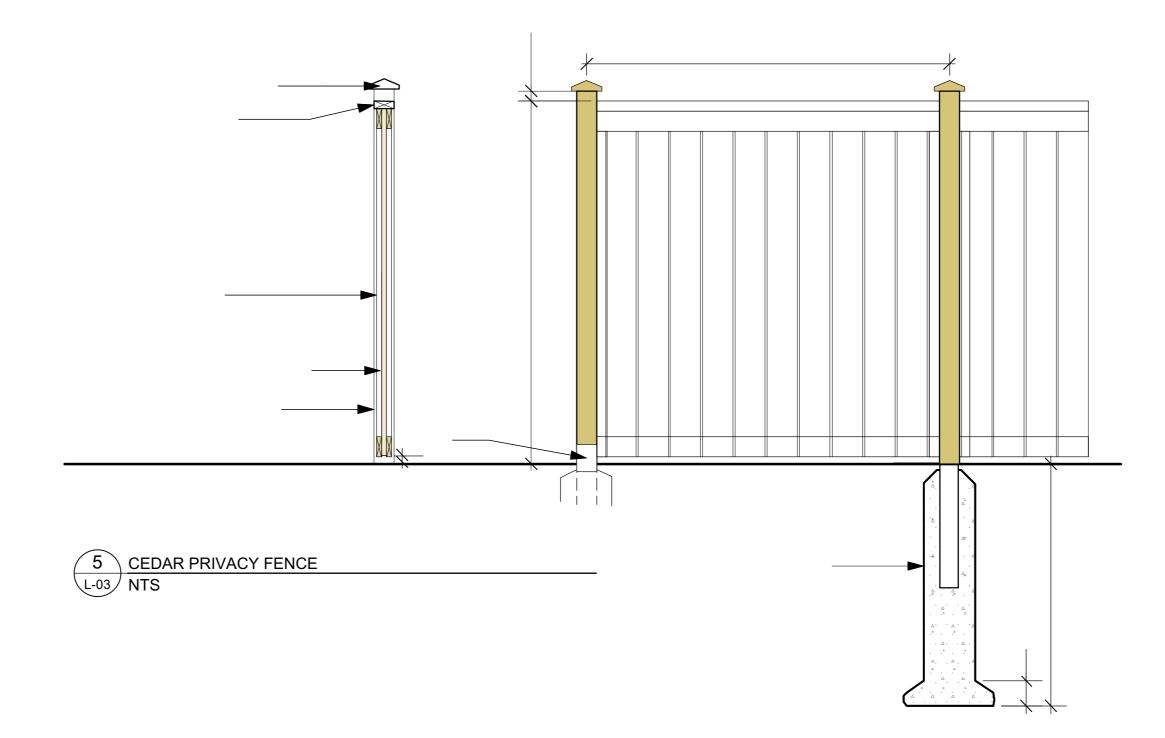
SECTION ALONG EAST PROPERTY LINE

SKYLINE OUTDOOR PATIO HARD-TOP GAZEBO

L-03 Canvas, w/ Bug Net, Black 10'x12'

GLOBAL INDUSTRIAL 4' PARK BENCH L-03 Tan, w/Backrest

-WALKWAY PAVEMENT -PLANTING MEDIUM ACCORDING TO LANDSCAPING PLAN AND-SPECIFICATIONS 150mm Min. -FABRIC FILTER. -RETENTION/AERATION DRAINAGE LAYER100mm Min. -DRAINAGE GEOTEXTILE (e.g. MIRADRAIN) -PROTECTION MEMBRANÉ -THERMAL INSULATION: R35. -GREEN ROOF WATERPROOFING MEMBRANE -PROVIDE SHOP-DRAWINGS AND SPECIFICATIONS FOR -REINFORCED CONCRETE SLAB STRUCTURAL SUPPORT -RIGID INSULATION SEE PLAN DRAINAGE PIPE THROUGH (REFER TO ARCH. / MECH. FOR ELEV./ FOUNDATION WALL @ 3000 o.c. SLOPE TO DRAIN) (CONFIRM WITH MECH. / CIVIL)



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issue / revision

north

no.

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3996 INNES RD, OTTAWA ON

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DETAILS

scale drawn by designed by C. Reed/T. Frost C. Reed date checked by plot date November 2021 M. Ruhland Nov10, 2021	project	drawing number	
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scale drawn by designed by		C. Reed/T. Frost	C. Reed
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