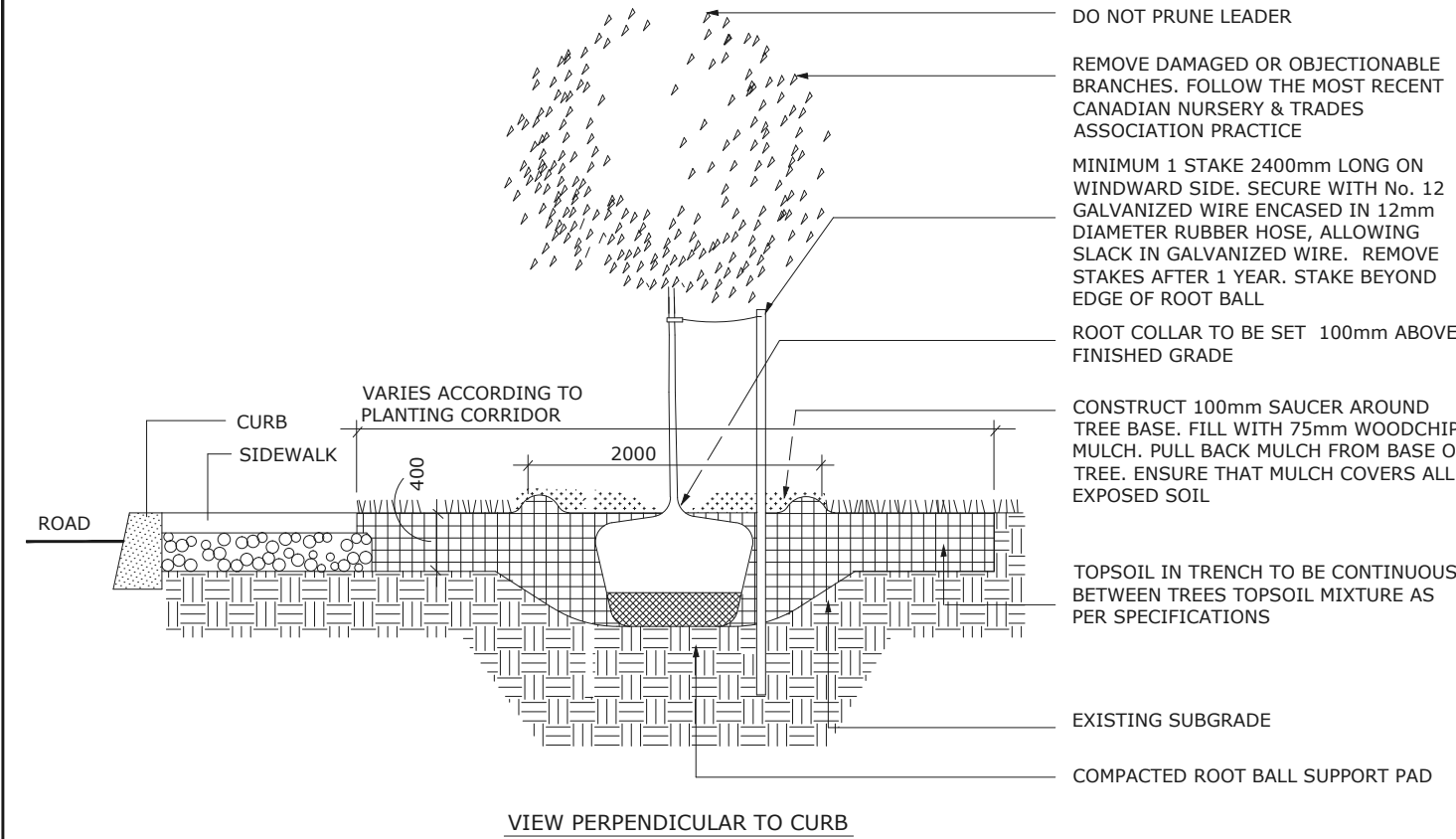


SOIL VOLUME NOTES TO GO WITH L1

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.

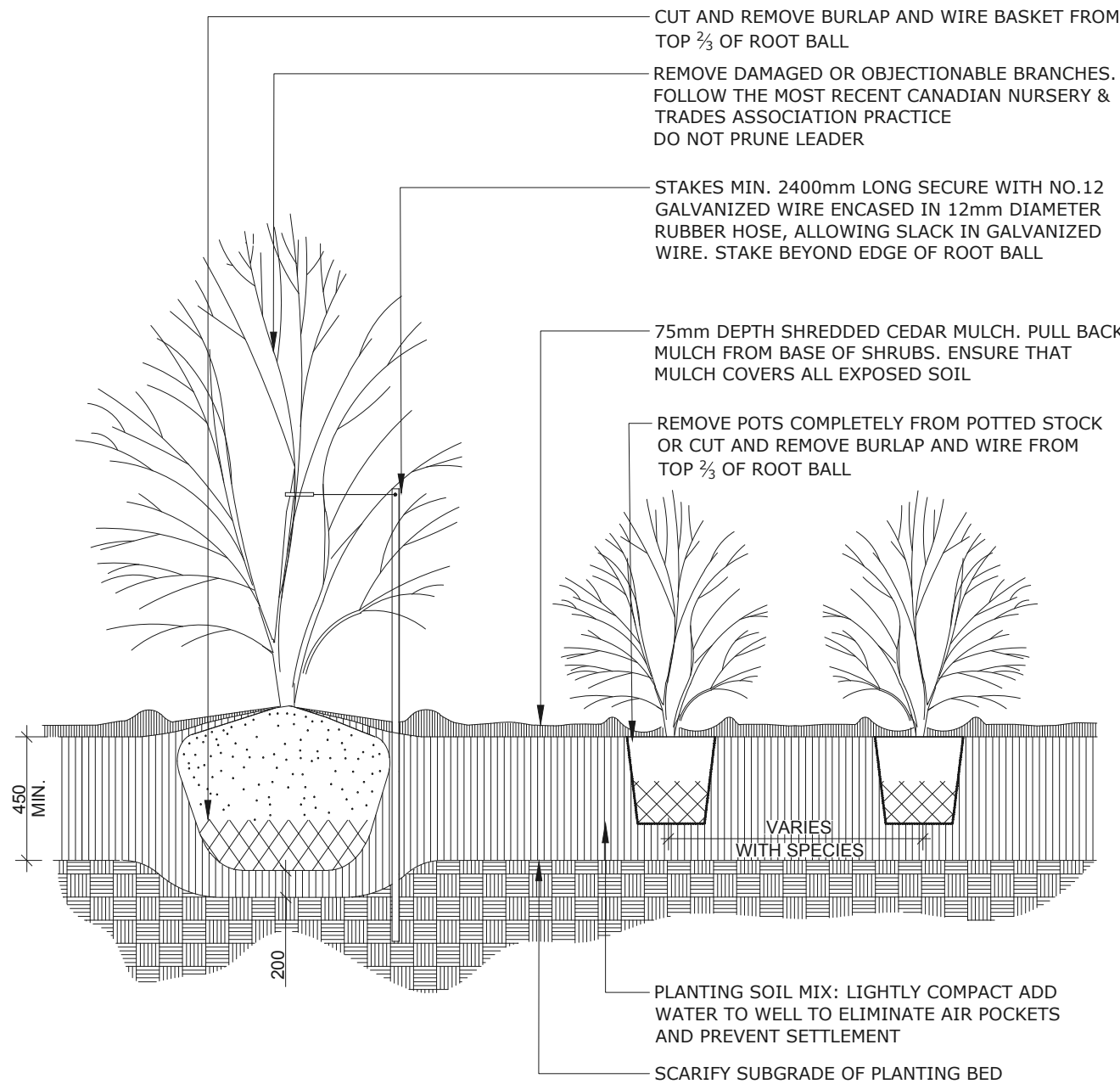
- WHERE EXISTING MATERIAL BELOW THE
SPECIFIED TOPSOIL IS NOT CONDUCTIVE TO
TREE GROWTH, AN ADDITIONAL LAYER OF
PLANTING MEDIUM IS TO BE INSTALLED
BELOW SPECIFIED TOPSOIL DEPTH TO OBTAIN
THE SOIL VOLUME DEPTH REQUIRED.

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



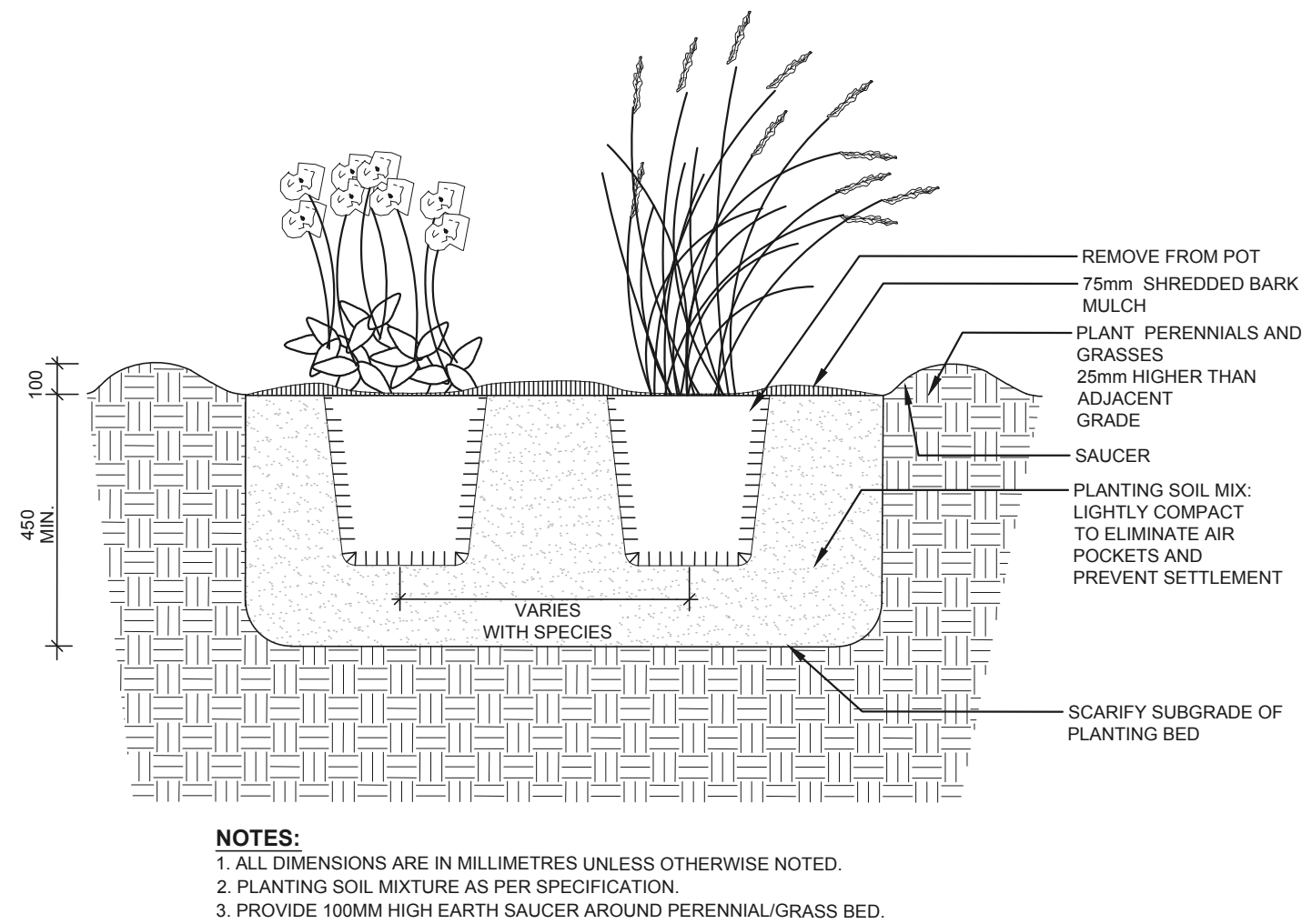
- NOTES:
1. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
 2. CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 2/3 OF ROOT BALL WITHOUT DISTURBING ROOTS
 3. LOCATION AS SPECIFIED ON THE CONTRACT DRAWINGS

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

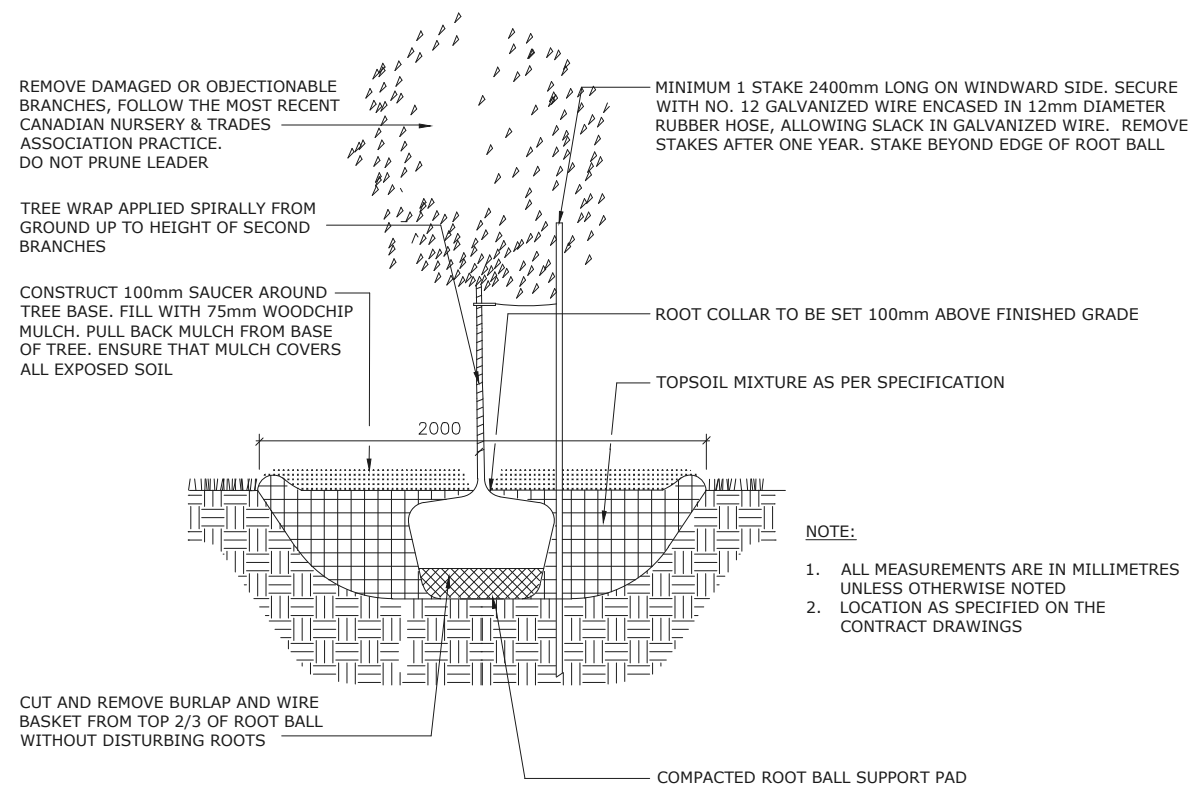


- NOTES:
1. PLANTING SOIL MIXTURE AS PER SPECIFICATION.
 2. SHRUBS SPECIFIED BARE ROOTS (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
 3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
 4. STAKES TO BE REMOVED AT COMPLETION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

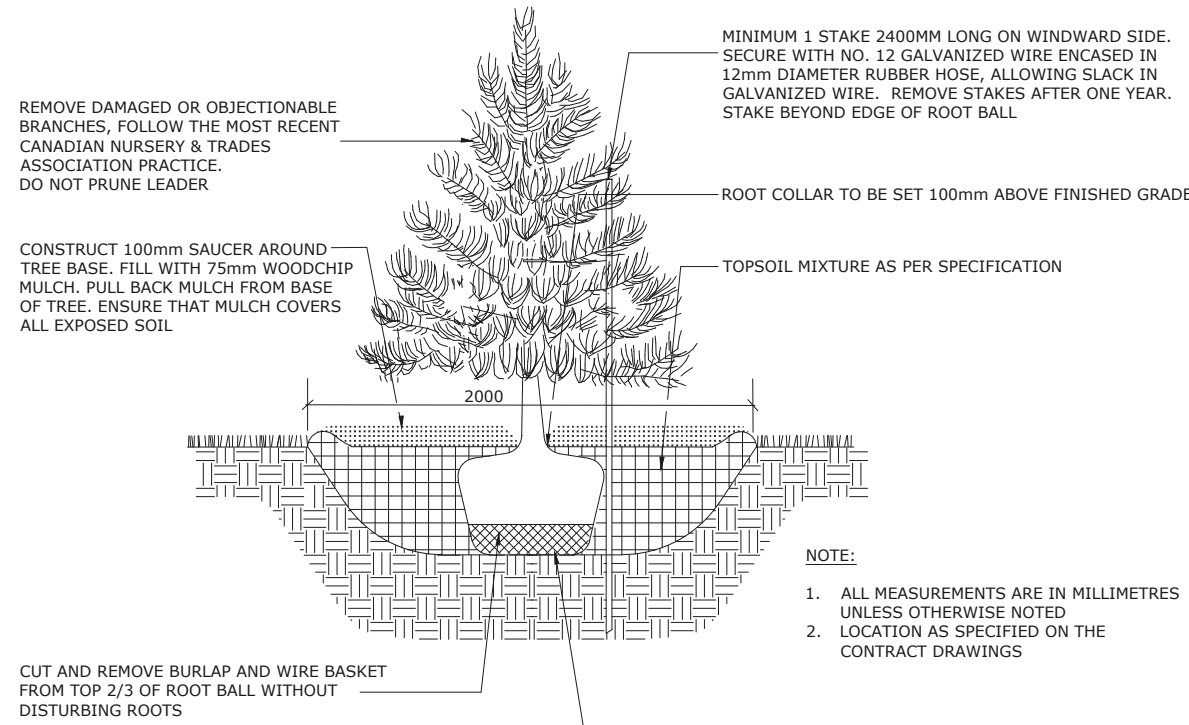
Ottawa TITLE: CONTINUOUS SHRUB BED PLANTING DATE: FEB 2013
REV: FEB 2014
DWG No: L17



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

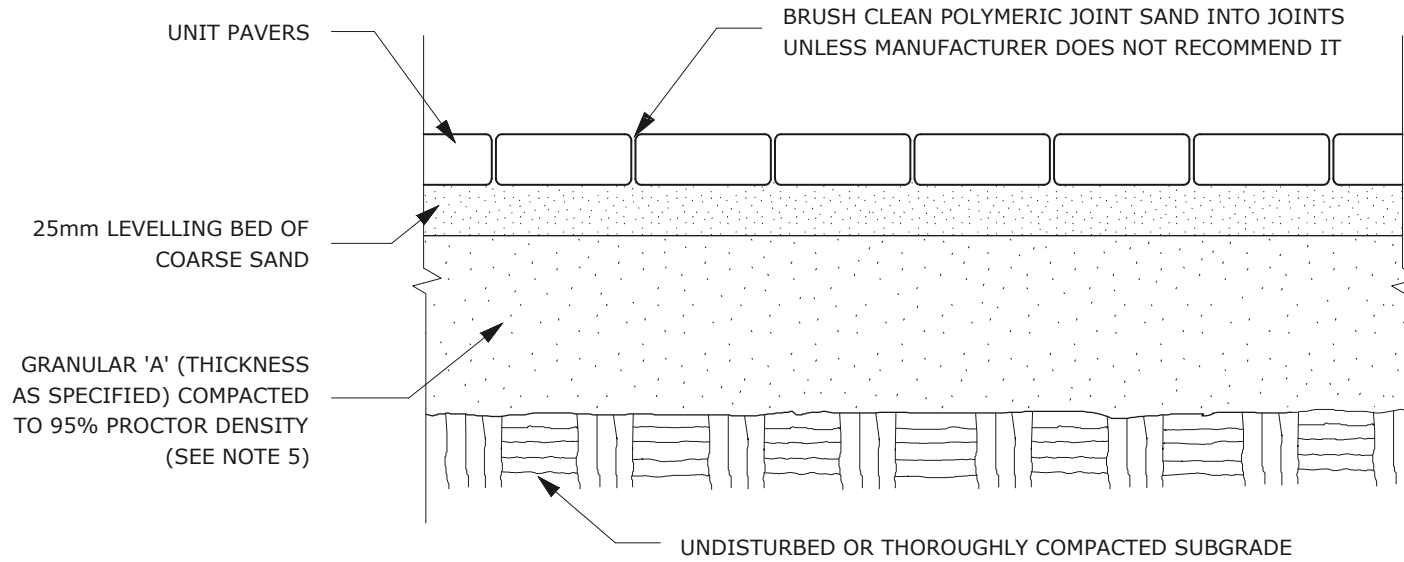


DECIDUOUS TREE PLANTING



CONIFEROUS TREE PLANTING

Ottawa TITLE: PLANTING PIT, WELL DRAINED SOILS (ROAD ALLOWANCE) DATE: MAY 2001
REV: JAN 2017
DWG No: L3



- 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 SWEEPED 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 SC9 NUMBER 5: PRECAST PAVERS IN PEDESTRIAN AREAS WHERE NORMAL SNOW REMOVALS ARE DONE IS TO RECEIVE A MINIMUM 200mm GRANULAR 'A'. FURTHER ADJUSTMENTS TO BE SPECIFIED IN RELATION TO SITE CONDITIONS AND GEOTECHNICAL RECOMMENDATIONS.

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.
6. Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.
7. 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 used.
8. Final subgrade is to approved by the Landscape Architect prior to sod being laid.
9. Maintain positive surface runoff through the entire construction period.
10. Reinststate all areas and items damaged as a result of construction activities.

7	Re-issued SPC submission	2024/11/01
6	Issued for Coordination	2024/10/01
6	Re-issued SPC submission	2024/07/05
5	Re-issued SPC submission	2023/07/20
4	Re-issued SPC submission	2023/04/24
3	Re-issued SPC submission	2023/01/09
2	Re-issued SPC submission	2022/07/08
1	Issued for SPC submission	2021/11/22

no.	issue / revision	date
north		

Ruhland & Associates Ltd
landscape architecture • urban design • site planning
Ph 613-224-4744 Fx 613-224-1331 info@rala.ca www.rala.ca

project

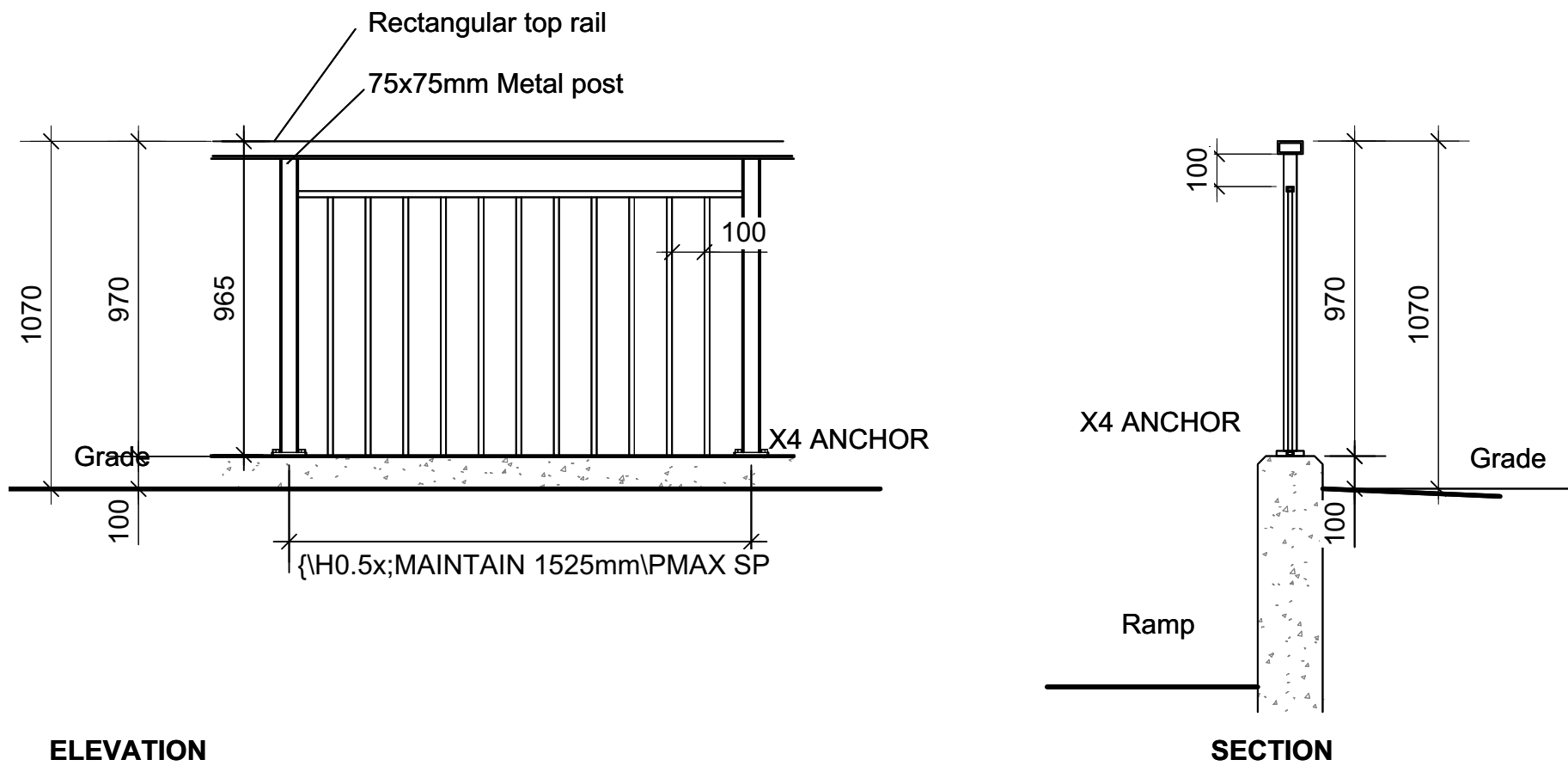
**3996 INNES RD,
OTTAWA ON**

drawing title

DETAILS

scale	drawn by D.A / T. F	designed by M. Ruhland
	checked by M. Ruhland	
project number 21-1647	drawing number L - 02	

Contractor to check and verify all dimensions on the job



ELEVATION

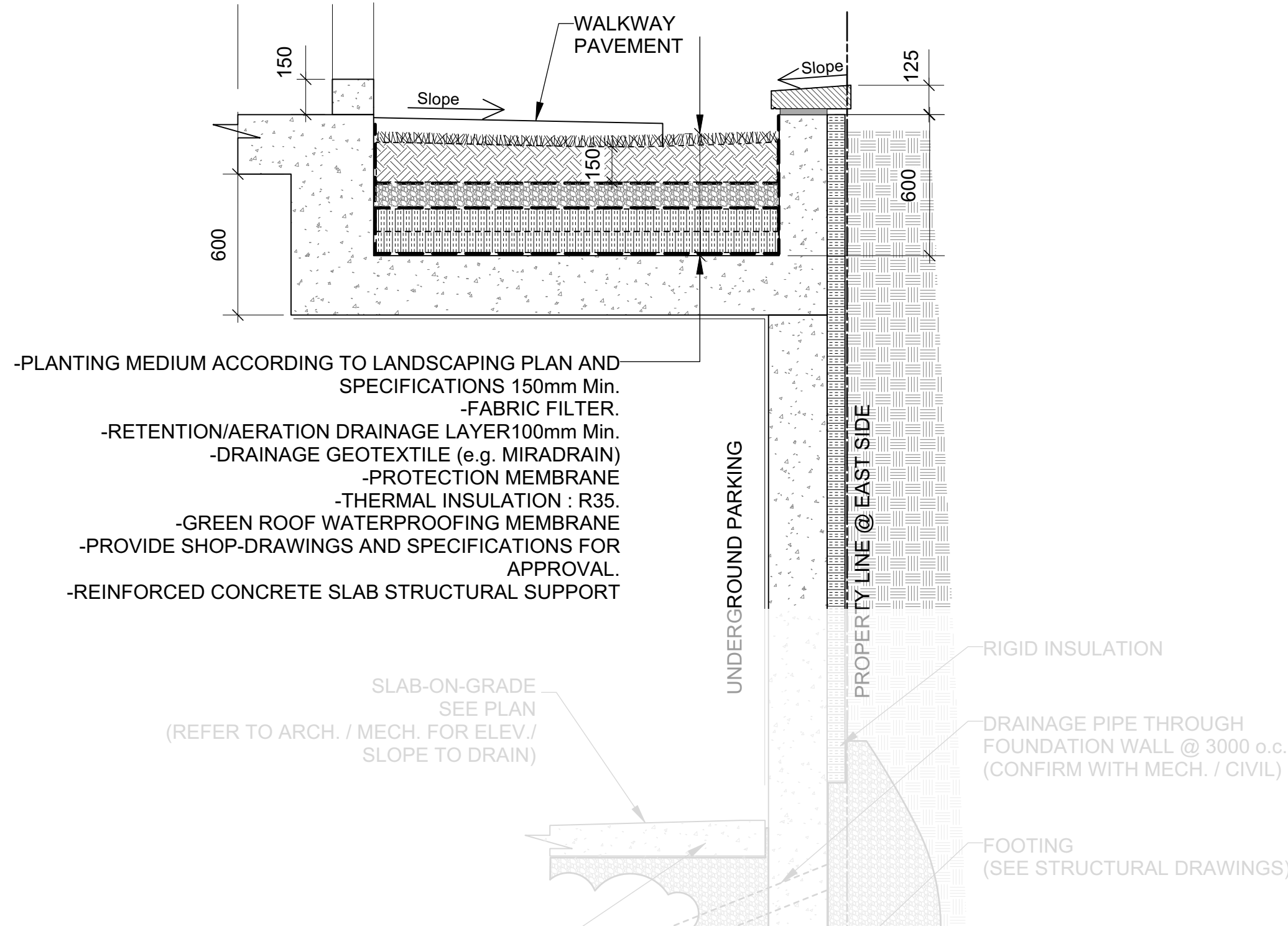
1
L-03 **METALLIC GUARD RAIL**
Scale: NTS
REFER TO SITE PLAN FOR LOCATIONS



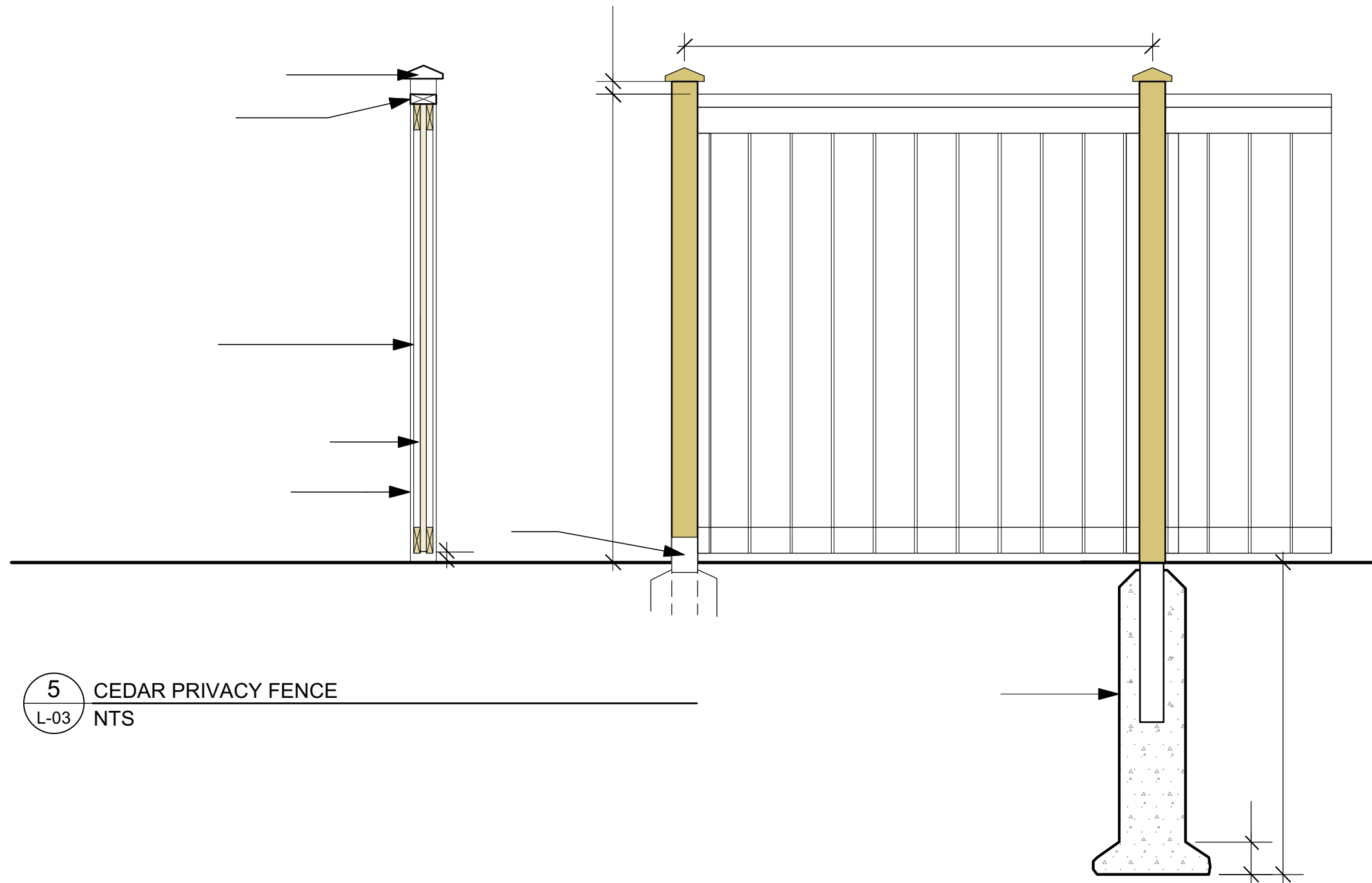
3
L-03 **SKYLINE OUTDOOR PATIO HARD-TOP GAZEBO**
Canvas, w/ Bug Net, Black 10'x12'



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



2
L-03 **SECTION ALONG EAST PROPERTY LINE**
Scale: NTS



5
L-03 **CEDAR PRIVACY FENCE**
NTS

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project

**3996 INNES RD,
OTTAWA ON**

drawing title		
DETAILS		
scale	drawn by D.A. / T.F.	designed by M. Ruhland
	checked by M. Ruhland	
project number 21-1647	drawing number L - 03	

Contractor to check and verify all dimensions on the job