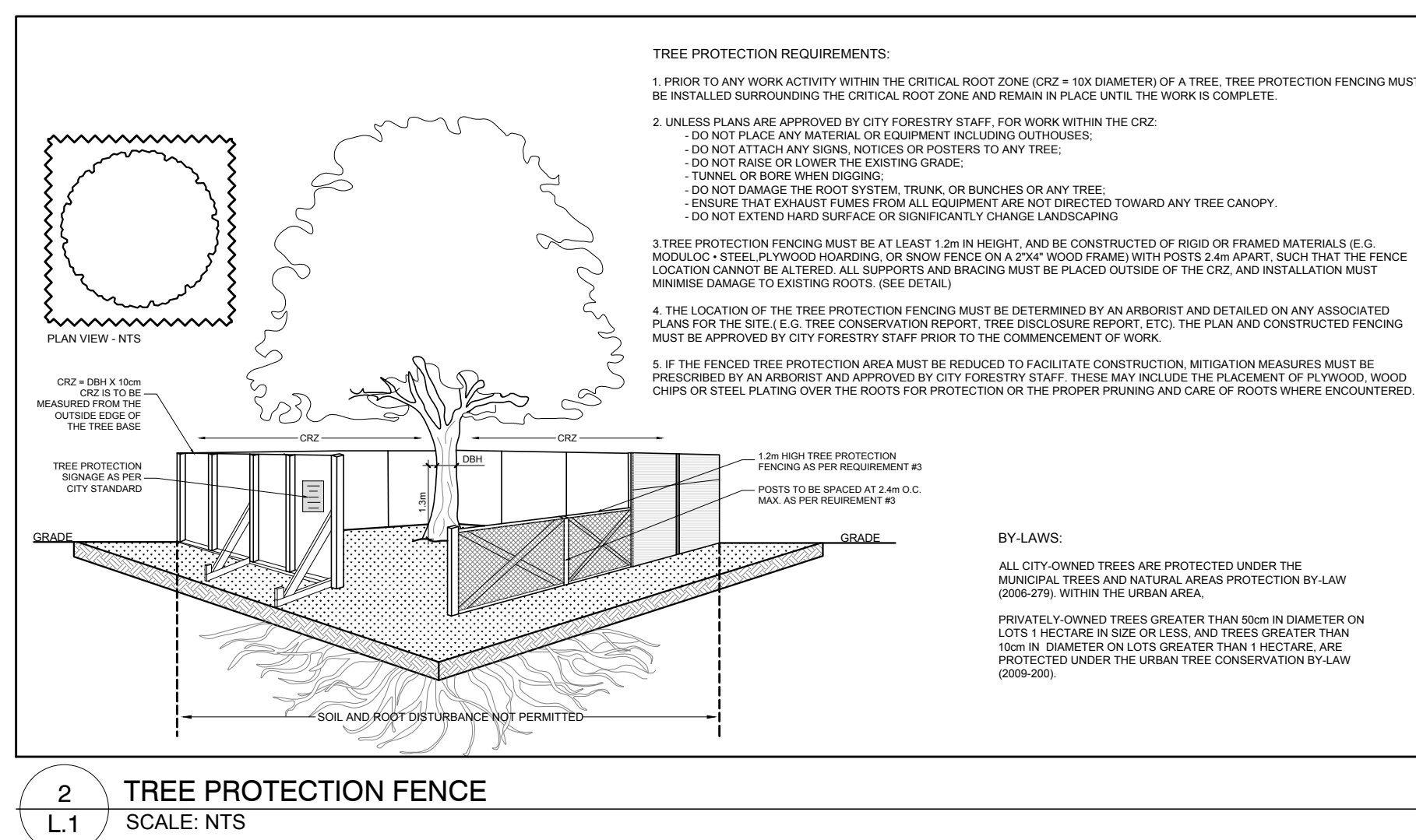


KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
TREES						
HB	3	Celtis occidentalis	Hackberry	60mm cal.	BAB	
HL	2	Gleditsia triacanthos 'Skyline'	Skyline Honey Locust	60mm cal.	BAB	
JL	6	Syringa reticulata	Servasee Tree Lilac	60mm cal.	BAB	
SB	7	Ampelachier canadensis	Japanese Tree	60mm cal.	BAB	
SS	3	Picea omorika	Serbian Spruce	1.8m Ht.	BAB	
WS	3	Picea glauca	White Spruce	1.8m Ht.	BAB	

1. It is the responsibility of the appropriate contractor or official to report any errors, omissions or discrepancies on this plan with actual site conditions to the Landscape Architect before proceeding with construction.
2. The contractor is to notify all utility companies and authorities prior to any excavation and ascertain locations of underground services.
3. The contractor is to reinstate all areas and items damaged as a result of construction activity.
4. The contractor is to comply with all pertinent codes and by-laws.
5. The contractor is to maintain a positive surface run-off throughout the entire construction period.
6. The Landscape Architect is not responsible for subsurface conditions.
7. The contractor is to identify all existing trees to remain on site with the Landscape Architect prior to construction.
8. The contractor is to stake the proposed location of all plant material in conjunction with the Landscape Architect prior to excavation.
9. Minimum dimensions for selected deciduous trees are as follows:
 - Building Foundations 7.5m
 - Sidewalks 1.5m
 - Public Streets 2.5m
 - Underground Infrastructure 2.0m
10. All trees within 1m of underground utility trenches are to be excavated by hand.
11. Remove all protective wrapping from tree trunks after installation.
12. Staking of trees shall only be performed if necessary.
13. Ensure that mulch is pulled back a min. distance of 75mm from base of tree trunk.



The diagram illustrates the steps for planting a deciduous tree. It shows a cross-section of the ground with a tree being planted. Key components include:

- Soil Preparation:** Removal of damaged or directional branches and ensuring proper horticultural practices. The soil is filled with 10cm sandpaper around the tree base, topped with 75mm woodchip mulch, and a 100mm x 75mm mulch cover is placed over the exposed soil.
- Tree Placement:** The tree is wrapped spirally from the ground up to the second branches. It is placed in a 250mm x 120mm long hole with 12 galvanized wire installed in a diamond pattern. A 25mm diameter rubber hose is allowed to slide in the galvanized wire, and stakes are placed one year after planting, one stake beyond the edge of the rootball.
- Root Collar Protection:** The root collar is set to be 100mm above finished grade. A compacted rootball support pad is used.
- Topsoil and Mulch:** Topsoil is matured as per specifications and tapered to blend naturally with finished grade.
- Root Collar and Wire Basket:** A 10% of root ball above grade is cut and removed. A burp-up wire basket is placed from the top 10% of rootball without disturbing roots.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- USE TREE SPECIES TOLERANT TO POORLY GRADED SOIL CONDITIONS.
- TREE WRAP APPLIED SPIRALLY FROM GROUND UP TO HEIGHT OF SECOND BRANCHES.
- 250MM X 120MM LONG WITH 12 GALVANIZED WIRE INSTALLED IN DIAMOND PATTERN. 25MM DIAMETER RUBBER HOSE ALLOWING TO SLIDE IN GALVANIZED WIRE. REMOVE STAKES AFTER ONE YEAR. STAKE BEYOND EDGE OF ROOTBALL.
- ROOT COLLAR TO BE SET 100MM ABOVE FINISHED GRADE.
- COMPACTED ROOTBALL SUPPORT PAD.

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