

TREE PROTECTION PLAN

Please contact treepreservation@edmonton.ca for optional consultation.

1) PROJECT INFORMATION

Project Address: _____ Company: _____

Applicant Name: _____ Project Start Date: _____

Applicant Email: _____ Project End Date: _____

Project Summary: _____

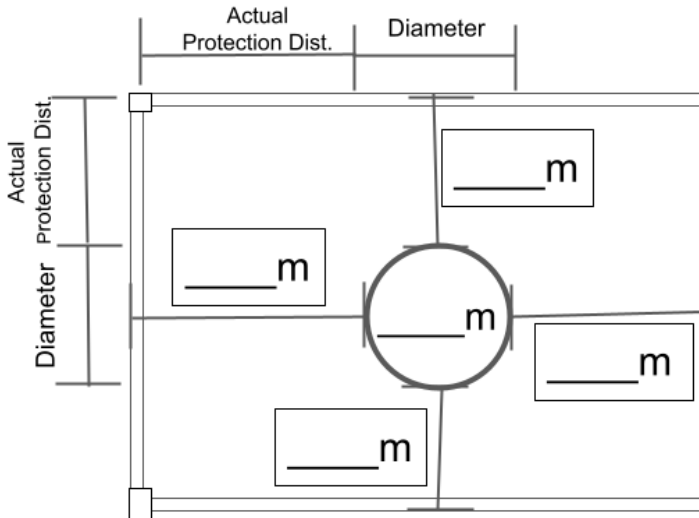
FOR USE BY THE CITY OF EDMONTON	
Tree Protection Plan # _____	
Approved by: _____	Date: _____
<input type="checkbox"/> Conditions of this Approval were Communicated by Email to Applicant	

2) DETERMINE THE ACTUAL TREE PROTECTION FENCING DIMENSIONS (see Appendix)

Complete the following for each City tree within 5 m of project boundaries, access, or laydown. Know how wide and where the proposed access will be (if applicable) so Forestry can approve shorter fencing if required. Shorter fencing may also be proposed for neighbouring walkways, hydrants, sidewalks, roadways, chain link fencing etc.

Tree A

Determine the Standard Minimum Protection Distance for Tree A by using Table 1 in Appendix: _____ m



Is a shorter Minimum Protection Distance required for the Actual Tree Protection Fencing Length?
If yes, Why?

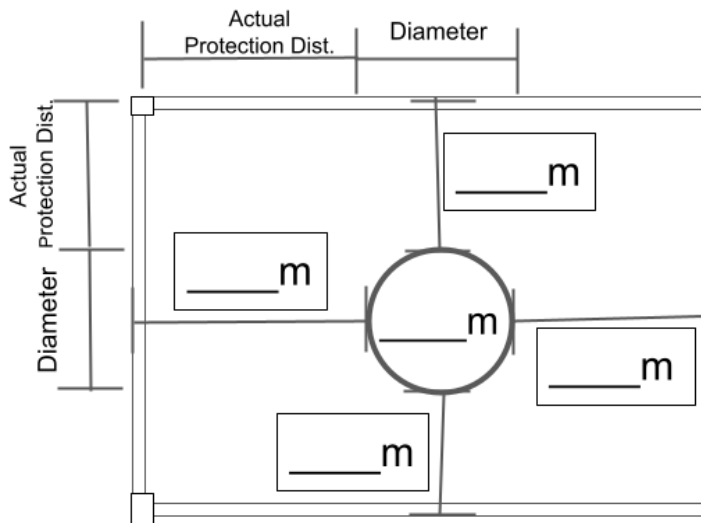
Is a shorter Minimum Protection Distance required for the Actual Tree Protection Fencing Width?
If yes, Why?

Is Tree A canopy expected to interfere with equipment, construction or the proposed building?

- Yes, Clearance Pruning Required
- No, Lots of Clearance
- Not Sure, Let's Meet on Site

Tree B

Determine the Standard Minimum Protection Distance for Tree B by using Table 1 in Appendix: _____m



Is a shorter Protection Distance required for the Actual Tree Protection Fencing Length?
If yes, Why?

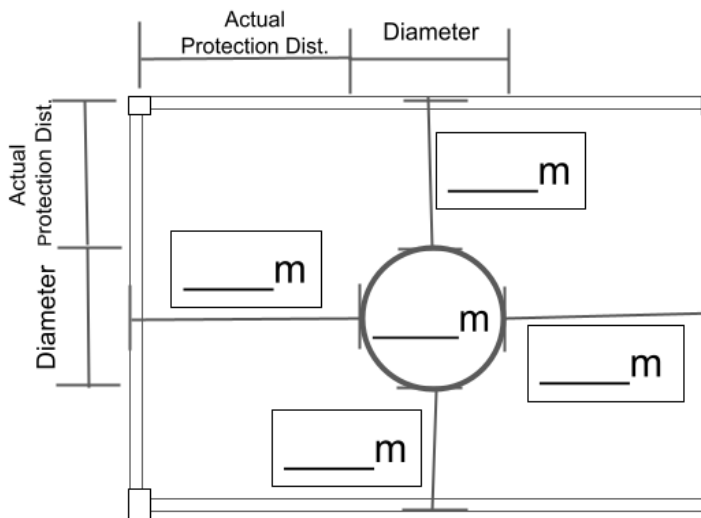
Is a shorter Minimum Protection Distance required for the Actual Tree Protection Fencing Width?
If yes, Why?

Is Tree B canopy expected to interfere with equipment, construction or the proposed building?

- Yes, Clearance Pruning Required
- No, Lots of Clearance
- Not Sure, Let's Meet on Site

Tree C

Determine the Standard Minimum Protection Distance for Tree C by using Table 1 in Appendix: _____m



Is a shorter Minimum Protection Distance required for the Actual Tree Protection Fencing Length?
If yes, Why?

Is a shorter Minimum Protection Distance required for the Actual Tree Protection Fencing Width?
If yes, Why?

Is Tree C canopy expected to interfere with equipment, construction or the proposed building?

- Yes, Clearance Pruning Required
- No, Lots of Clearance
- Not Sure, Let's Meet on Site

Repeat this page for any additional trees

3) ANTICOMPACTON MEASURES FOR ACCESS

- a) Width of the Proposed Access: _____ m.
- b) Which tree(s) are within 5 m of the Proposed Access or Laydown Area:
 - A
 - B
 - C
 - Other: _____

c) Determine the type of Anticompaction Measures Required:

If access is within 5 m of the tree and *outside* of *Standard* Minimum Protection Distance (Table 1):

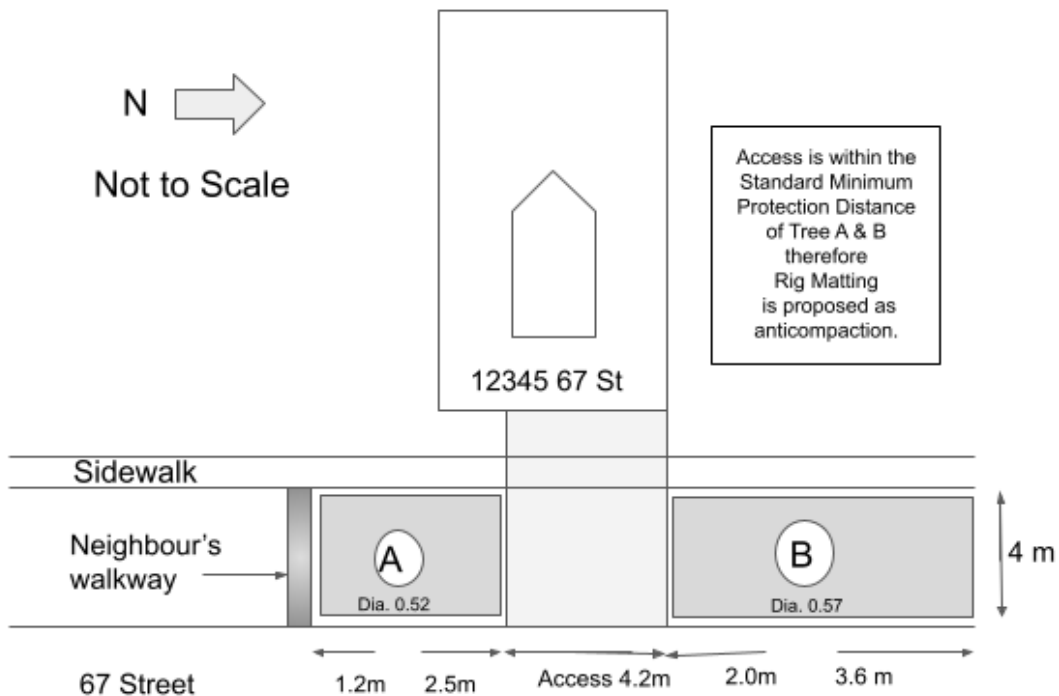
- 8"-12" of coarse mulch **under** ¾" plywood
- Other: _____

If access is *within* the *Standard* Minimum Protection Distance (Table 1) resulting in shorter tree protection fencing:

- Overlapping or interlocking Rubber Access Mats (that hold minimum 32 tons)
- Rig Mats
- Other: _____

4) ATTACH A SITE PLAN WITH THE FOLLOWING (see sample Site Plan below):

- Address, Property lines, Roadways, Sidewalks, Building, Boulevard
- Tree IDs within 5 m of project boundaries, access or laydown
- Actual Fencing Distances from trunk's edge (m)
- Proposed Access Location and Width (m)
- Proposed Access Anticompaction Measures



APPENDIX

TREE PROTECTION DETAILS

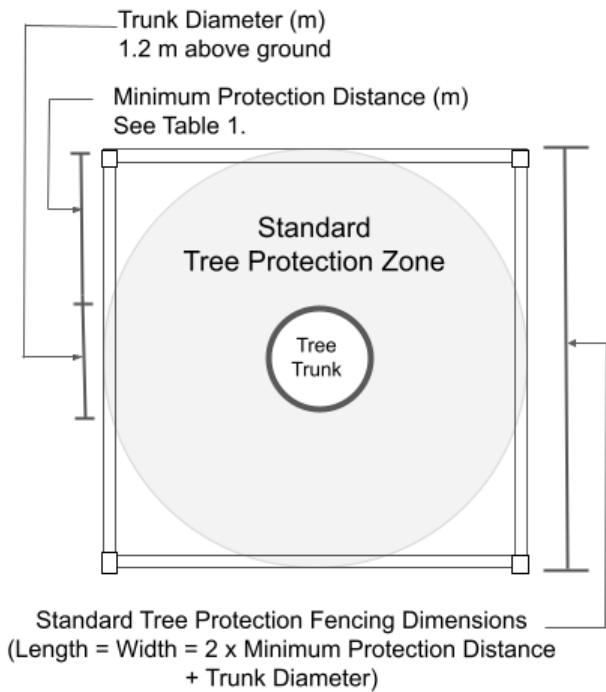
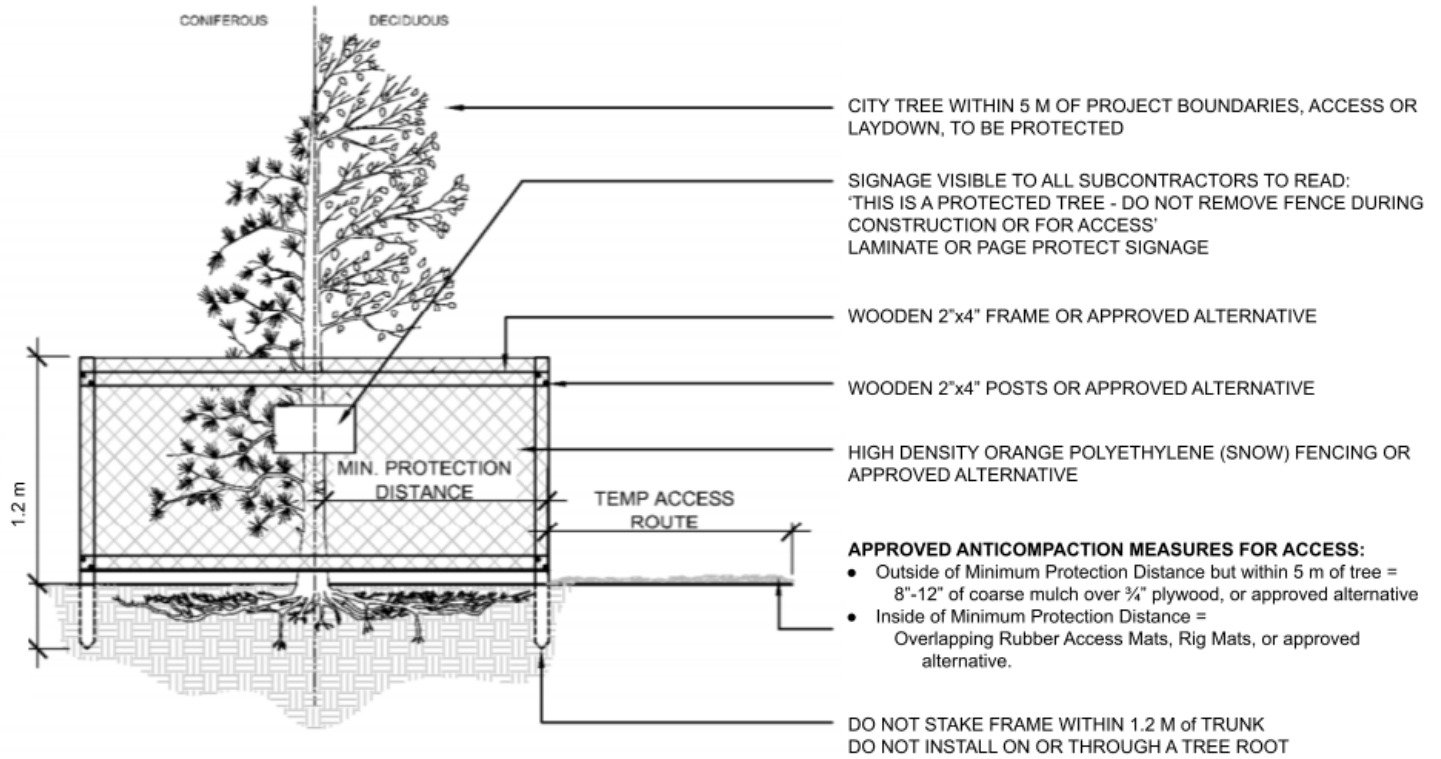


Table 1. Determine the Standard Minimum Protection Distance using trunk size 1.2 m above ground

Trunk Circumference 1.2 m above ground	Trunk Diameter 1.2 m above ground	Standard Minimum Protection Distance
< 0.31 m	< 0.10 m	1.2 METERS
0.34 - 0.94 m	0.11 - 0.30 m	1.8 METERS
0.97 - 1.25 m	0.31 - 0.40 m	2.4 METERS
1.29 - 1.57 m	0.41 - 0.50 m	3.0 METERS
1.60 - 1.89 m	0.51 - 0.60 m	3.6 METERS
1.92 - 2.20 m	0.61 - 0.70 m	4.2 METERS
2.33 - 2.51 m	0.71 - 0.80 m	4.8 METERS
> 2.51 m	> 0.80 m	5.0 METERS

TREE PROTECTION INFORMATION

- Approved Tree Protection is required for every City tree within 5 m of the project boundaries, access and laydown, including City trees near adjacent properties. Forestry can recover costs to remediate any damages to, or loss of trees in accordance with the [Corporate Tree Management Policy \(C456C\)](#).
- The purpose of a Tree Protection Plan is to protect the trunk, canopy and roots from mechanical and/or compaction damage. This ensures the Urban Canopy is preserved for the benefit of the Edmontonians.
- The size of Tree Protection required depends on each tree's **Standard Minimum Protection Distance** (See Table 1 on Page 1.), calculated using the trunk's diameter 1.2 m above ground, and extends around the trunk's edge. This area measured around the tree is called the **Standard Tree Protection Zone**.
- The area beyond the Standard Tree Protection Zone and within 5 m of each City tree must also be protected from compaction when access or laydown is required. **Anticompaction measures** help prevent oxygen depletion from the soil, allowing tree roots to feed and grow in the future. Forestry understands that fencing the Tree Protection Zone to standard is not always possible and is happy to find solutions that accommodate the project, while protecting City trees. In general:
 - If access or laydown is required within 5 m of the tree and *outside* of Std. Minimum Protection Distance, 8"-12" of coarse mulch over ¾" plywood is an approved anticompaction measure.
 - If access is required *within* the Std. Minimum Protection Distance resulting in shorter tree protection fencing, overlapping Rubber Access Mats (min. 32 tons), or Rig Mats can be approved.
- Tree work must be coordinated through a City of Edmonton Forester. Any costs associated with tree work that is required as a result of the project are the responsibility of the project in accordance with C456C.

SAMPLE SIGNAGE (full page version available):

