

Part 1 General**1.1 Summary**

- .1 Unless otherwise indicated, follow the standards below for the tree preservation on McGill University. These standards are not intended to restrict or replace professional judgment.
- .2 Refer to Division 32 - Exterior Improvements for addition landscaping requirement and information.

1.2 Design Requirements

- .1 A tree survey will be done as part of the pre-design work for the campus development projects. The survey will show the location of the existing tree on Campus. A tree arboriculture consultant will be hired to prepare a document. In this document the consultant will categorize the trees:
 - .1 All Memorial trees and their associated documentation;
 - .2 Trees of important ornamental value that should be maintained and cared for;
 - .3 Trees that can be relocated (transplanted for the needs of a new project);
 - .4 Dying or diseased trees to be removed for safety issues;
 - .5 The removal of aggressive weed trees (Manitoba Maple, Acer Negundo) and replaced with a recommended species.
- .2 All new projects involving the removal of a tree must be accompanied with a permit from the City of Montreal which may also require the approval of the Ministry of Culture of Quebec. McGill Campus is almost entirely within the limits of the 'Arrondissement historique et naturel de Mont Royal', a protected area under the jurisdictional authority of the Ministry of Culture of Quebec, and we must inform the Gardens and Grounds Committee and McGill's horticulturist (as specified in Item 1.4) prior to taking any action involving a tree.
- .3 All projects involving pruning, cutting, removal, etc. of trees should involve the campus horticulturist, McGill's Gardens and Grounds Committee and if needed, a tree consultant.
- .4 BNQ Standards to conform (from "Bureau de normalisation du Quebec"):
 - .1 NQ 0605-100/2001 "Aménagement paysager à l'aide de végétaux"
 - .2 NQ 0605-200/2001 "Entretien arboricole et horticole"
 - .3 NQ 0605-300/2001 "Produits de pépinières et de gazon"
 - .4 NQ 0605-400/2001 "Produits de serres"

Note, the standards can be found at: <http://www.saiq.org/>

- .5 Drawing specifications should call for proper protection of existing trees when contained within or adjacent to a construction site.

1.3 Specific Procedure for Removal and Relocation

- .1 The area for the re-location of the tree(s) will be decided in house. The Garden and Grounds Committee and McGill's horticulturist will provide a new site, all in regards to the University's Master Plan.

- .2 The projects responsible for removing the tree will fund the transplantation and tree arboriculture consultant fees and/or the tree replacement.
- .3 A Tree arboriculture contractor with certification will be hired for the removal of the tree. McGill safety recommendations must be followed at all times.
- .4 For any tree above a calliper of 150mm the expertise of a tree arboriculture consultant is required to evaluate the feasibility and chances of success and to provide a document for the project manager with his recommendations.
- .5 Relocation and transplantation of a tree on site must be accomplished by either a tree spade or by the balled and burlap method.
- .6 Replacement trees should be the same size if possible, if this is not practical, for any cut tree bigger than 200mm, the largest of the tree of the same species available in a nursery specialized in big calliper tree, should be purchased.
- .7 If this is again not possible, several trees of smaller calliper should replace a bigger one.
- .8 The replacement tree location will either be on the project site or on any given campus location previously determined by the Gardens and Grounds Committee and the horticulturist.
- .9 All debris shall be removed from the project site on the same day.

END OF SECTION 02 01 01