

**CITY OF WHITEHORSE SERVICING STANDARDS MANUAL
PART 3 – CONSTRUCTION SPECIFICATIONS
SECTION 3.1 – CLEARING**

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SECTION 3.1 - CLEARING

3.1.1 SCOPE

The work described in this section pertains to clearing of trees, brush, and other unsuitable or objectionable materials from the designated area(s).

3.1.2 MATERIALS - SALVAGEABLE AND NON-SALVAGEABLE

Salvageable timber is to be considered to be any species of standing or fallen timber 100 mm or larger in diameter. Non-salvageable material is to be all other brush, trees, and non-burnable material encountered within the area to be cleared during the clearing operation.

3.1.3 MONUMENTS AND DESIGNATION

Where survey monuments or bars exist to delineate property lines, which form the boundary of an area to be cleared, the Consultant is to indicate these on the plans and mark them with red-topped stakes or flagging in the field. It will be the responsibility of the Developer to protect such monuments or bars. If the Developer damages or removes any such monuments or bars, it will be his responsibility to have them replaced, at his expense, by a Canada Land Surveyor.

3.1.4 CONSTRUCTION

3.1.4.1 CLEARING

The Developer will designate the limits of the area to be cleared by placing stakes or flagging at the boundary of such areas in the field.

Clearing is to be carried out and completed in a systematic fashion according to proper Canadian construction practices. Within road rights-of-way, trees are to be cut to a height of approximately 300 mm above existing ground level and vegetation is to be cut to a height of approximately ground level. Within a utility easement, all vegetation and trees are to be cut to a height of approximately ground level.

All trees, snags or overhangs, which could pose a danger, are to be removed. Deadfalls or windfalls which lie partially within the area to be cleared and partially in the adjacent area are to be considered to be wholly within the area being cleared and are to be removed as part of the work to be carried out under contract. The pushing of windfalls, fallen timber or brush onto adjoining property will not be permitted unless specifically authorized by the Engineer in writing.

The Contractor will flag the lines of demarcation as instructed by the Consultant, and the area is to be cleared according to the limits so designated. Any flagged trees or bushes are not to be cleared.

Any trees, bushes and stumps that are outside the lines of demarcation flagged by the Developer, and which are cut, will be considered damaged.

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All non-salvageable material that is not non-burnable (i.e.: scrap metal or unsuitable earth materials) is to be disposed of by chipping, or by other suitable means approved in advance by the Developer. All non-burnable materials are to be removed from the site by the Developer in accordance with the City of Whitehorse Waste Management Bylaw and all relevant territorial and federal legislation and regulations.

The use of machinery is to be permitted on this portion of the work only after all salvageable timber has been felled and trimmed by hand, except within utility easements where all work is to be done by hand.

The Developer is to leave the ground undisturbed for a distance of one meter around all legal survey monuments. All brush and timber in this area is to be cut and removed by hand.

3.1.4.2 HARVESTING AND STOCKPILING

All salvageable timber is to be harvested by means of hand cutting, trimmed of all branches, and stockpiled on site. All piles are to be neat and compact to a maximum height of approximately 1.5m.

Stockpiles are to be located in the lots directly adjacent to and off the rights-of-way. All salvaged timber will remain the property of the Developer.

3.1.4.3 DISPOSAL

Debris and chippings remaining from clearing and operations are to be disposed of as approved by the Engineer and in accordance with the City of Whitehorse Waste Management Bylaw and all relevant territorial and federal legislation and regulations. Remaining materials are to be bladed flat and smooth. Disposal areas intended for materials permitted to remain on site are to be will staked and flagged by the Developer in the field prior to the commencement of any clearing operations.