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**PART I - GENERAL**

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|----------------------------------|----|--|---|---------------|
| <u>1.1 Related Work</u>          | .1 | Site Protection  | : | Section 02104 |
|                                  | .2 | Rough Grading  | : | Section 02211 |
|                                  | .3 | Topsoil and Finish Grading   | : | Section 02212 |
| <u>1.2 Scope of Work</u>         | .1 | This section specifies the work required to clear and grub the job site of all unwanted site and native materials and such other garbage and debris not intended to be integrated into the finished project. |   |               |
|                                  | .2 | Coordinate work in this section with work in all other sections.   |   |               |
| <u>1.3 Field Quality Control</u> | .1 | The Community Services Department reserves the right to have soil compaction tests undertaken. Such tests shall be arranged and paid for by the contractor.  |   |               |
|                                  | .2 | Tests shall be certified by the soils consultants.   |   |               |
| <u>1.4 Protection</u>            | .1 | Ensure that surrounding vegetation and property is protected from damage when removing debris and clearing the site of trees.  |   |               |
| <u>1.5 Definitions</u>           | .1 | Clearing consists of cutting off or removing at or near flush with original ground surface standing trees, brush, scrub, roots, stumps and embedded logs and disposing of fallen timber and surface debris.  |   |               |
|                                  | .2 | Grubbing consists of excavation and disposal of stumps and roots (boulders and rock fragments) to a minimum depth of 600 mm.   |   |               |
|                                  | .3 | Removal and disposal of existing asphalt surfaces shall consist of removal of all asphalt, concrete, granular and other materials which form part of the driveways and other asphalt areas.                  |   |               |
|                                  | .4 | Removal of sodded areas includes removal of topsoil and subsoil to profile for depth of new paving.  |   |               |

**PART II - PRODUCTS**

Not Used

**PART III - EXECUTION****3.1 Removal and Disposal**

- .1 The contractor shall clear the site of all rubbish, rocks, boulders, tree stumps, and all useless materials and shall remove and dispose of material off-site to a location arranged and paid for by the contractor.
- .2 Any trees which must be removed will be marked by the Community Services Department prior to commencement of site works.
- .3 The contractor shall excavate existing driveways including all asphalt surface, concrete curbing, granular base and sub-base and remove all materials from site.

- .4 Do not burn or bury any debris.

**3.2 Clearing**

- .1 Cut trees, shrubs, stumps and other vegetation at ground level.
- .2 Cut off unsound branches and cut down dangerous trees.

**3.3 Grubbing**

- .1 Grub out stumps and roots to not less than 600 mm below original ground surface.
- .2 Grub out visible rock fragments and boulders.

**3.4 Topsoil Stripping**

- .1 Strip topsoil to its full depth in areas to be regraded.
- .2 Do not mix subsoil with topsoil during stripping operations.
- .3 Stockpile in layers not exceeding 250 mm in depth. Maximum height of stockpiles not to exceed 4.5 m. Maximum slope of stockpiles not to exceed side slope of 2:1.
- .4 Any soil or fill storage piles shall not be located within a downslope area within ten metres of a roadway or drainage channel.

**3.5 Protection**

- .1 Protect all adjacent areas, buildings, landscaping, trees and structures from damages, and existing items within the limit of

work not noted to be demolished or relocated.

- .2 Fully comply with all requirements to prevent movement or settlement.
- .3 Prevent debris from blocking surface drainage systems.
- .4 Comply with all applicable regulations related to public safety, safety barricades and lights, site enclosures, weather, mud tracking and dust control.
- .5 Contractor is responsible for the protection of all existing underground services, and equipment, as well as overhead and on-ground services and equipment.
- .6 Contractor is responsible for making good and repair of said services where damage is caused by demolition work.

3.6 Finished Surface

- .1 Leave ground surface in a condition suitable for rough grading and/or topsoiling as required by the drawings.

**END OF SECTION 02111**