

**PART 1 – GENERAL**

1.1 RELATED SECTIONS

- .1 Section 033000 – Cast-in-place Concrete
- .2 Section 310099 – Earthworks for Minor Works
- .3 Section 310516 – Aggregate material
- .4 Section 312333.01 – Excavating, Trenching and Backfilling
- .5 Section 321116.01 – Granular Sub-Base
- .6 Section 321123 – Aggregate Base Courses
- .7 Section 321413 – Precast Concrete Unit Paving
- .8 Section 321540 – Crushed Stone Paving
- .9 Section 321615 – Concrete Walks, Curbs, and Gutters
- .10 Section 329121 – Topsoil and Finish Grading
- .11 Section 329223– Sodding.

1.2 BASIS OF PAYEMENT

- .1 No measurement for payment will be made under this section. Include costs in items where required.

1.3 REFERENCES

- .1 American Society for Testing and Materials (ASTM)
  - .1 ASTM D698-91, Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (600 kN-m/m<sup>3</sup>).

1.4 EXISTING CONDITIONS

- .1 Contractor must visit the worksite prior to beginning work to be familiar with existing conditions.
- .2 Refer to survey plan for a description of existing conditions.

1.5 PROTECTION

- .1 Protect and existing fencing, trees, landscaping, natural features, bench marks, buildings, monuments, pavement, surface or underground utility lines which are to remain as directed by Designed Representative. If damaged, restore to original or better condition unless directed otherwise.
- .2 Maintain access roads to prevent accumulation of construction related debris on roads.
- .3 Repair or rectify, with the degree of skill and care that is required by sound professional procedures and practices all existing elements or part of existing elements that have been impacted during the construction work.

- 1.6 SITE CLEANING
- .1 All surfaces affected by the construction work should be cleaned.
  - .2 Remove demolition waste, scrap materials and material unsuitable for fill, grading or landscaping off site.
  - .3 All cut and fill materials in the areas included within the scope of landscaping work shall be removed or utilized to the satisfaction of Departmental Representative.

**PART 2 – PRODUCTS**

- 2.1 MATERIALS
- .1 Fill material : In accordance with current specifications.
  - .2 Topsoil and soil mixtures must conform to the requirements of section 329121 – Topsoil and Finish Grading.

**PART 3 – EXECUTION**

- 3.1 GRADING
- .1 Correlate subgrade depths with depths of surface treatments specified in applicable sections
  - .2 Include different depths for similar surface treatment following indications on drawings. Never exceed recommended thicknesses as illustrated on the drawings for all recommended materials and work on slab.
  - .3 Provide rough grade with down slope as indicated on plans or 1:50 as minimal default value.
  - .4 Connect new work to existing adjacent surfaces to existing elevations.
  - .5 Grade ditches to depth required for maximum run-off.
  - .6 Prior to placing fill over existing ground, scarify surface to depth of 150 mm. Maintain fill and existing surface at approximately same moisture content to facilitate bonding.
  - .7 Compact filled and disturbed areas to corrected maximum dry density to ASTM D 698, as follows:
    - .1 85% under landscaped areas.
    - .2 95% under paved and walk areas.
    - .3 20mm net crushed stone rammed in place.
  - .8 Do not disturb soil within branch spread of trees or shrubs to remain.
- 3.2 TESTING
- .1 Material testing is to be supplied by the contractor, and provided to the Departmental Representative for review and approval.
- 3.3 SURPLUS MATERIAL
- .1 Remove surplus material and material unsuitable for fill, grading or landscaping off site.

**\*\*\* FIN DE SECTION \*\*\***