

## 1.0 GENERAL

### 1.1 Related Work

#### 1.1.1 Section 02212 - Planting Soil and Finish Grading

### 1.2 Site Conditions

#### 1.2.1 Contractor to establish and verify all underground and surface utility lines before starting work.

### 1.3 Protection

#### 1.3.1 Prevent damage to fencing, trees, landscaping, natural features, bench marks, existing buildings, existing pavement, surface or underground utility lines which are to remain. Make good any damages.

## 2.0 PRODUCTS

### 2.1 Materials

#### 2.1.1 Obtain approval of excavated or graded material used as fill for grading work. Protect approved material from contamination.

## 3.0 EXECUTION

### 3.1 Removal of Topsoil

#### 3.1.1 Remove topsoil from areas to be re-graded. Strip topsoil when dry enough to prevent contamination with sub grade material. Contractor shall import topsoil if quality of existing topsoil is doubtful as judged by the Consultant.

#### 3.1.2 Do not handle topsoil in wet or frozen condition.

#### 3.1.3 Stockpile topsoil on-site where directed by the Consultant.

##### .1 Piles not to exceed 2 m in height.

### 3.2 Grading

#### 3.2.1 Rough grade to levels, profiles, and contours allowing for surface treatment as indicated.

#### 3.2.2 Rough grade to following depths below finish grades:

- .1 185 mm for sodded areas.
- .2 200 mm for seeded areas.
- .3 500 mm for shrub beds.

### 3.3 Placing Fill

3.3.1 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.

3.3.2 Place fill in 150 mm lifts.

3.3.3 Compact filled and disturbed areas to corrected maximum dry density as follows:

- .1 85% under soft landscaped areas.
- .2 95% under paved and walk areas.

3.3.4 Do not disturb soil within branch spread of trees or shrubs to remain unless indicated.

### 3.4 Testing

3.4.1 Inspection and testing of soil compaction will be carried out by designated testing laboratory.

3.4.2 Costs of tests will be paid by the Contractor.

### 3.5 Surplus Material

3.5.1 Legally dispose of all surplus material from the site or as directed by the Consultant.

3.5.2 Legally dispose of all unsuitable materials or fill, grading or landscaping from site.