

PART 1 - GENERAL

1.1 REFERENCES .1 ASTM International
.1 ASTM D 698-07e1, Test Method for Laboratory
Compaction Characteristics of Soil Using Standard
Effort (600 kN-m/m³).

1.2 EXISTING
CONDITIONS .1 Known underground and surface utility lines and
buried objects are as indicated on site plan.

PART 2 - PRODUCTS

2.1 MATERIALS .1 Fill material: Type 3 in accordance with of Section
31 23 10 - Excavating, Trenching and Backfilling.
.2 Excavated or graded material existing on site
suitable to use as fill for grading work if approved
by Departmental Representative.

PART 3 - EXECUTION

3.1 EXAMINATION .1 Visually inspect substrate in presence of
Departmental Representative.
.2 Inform Departmental Representative of unacceptable
conditions immediately upon discovery.
.3 Proceed with installation only after unacceptable
conditions have been remedied and after receipt of
written approval to proceed from Departmental
Representative.

3.2 GRADING .1 Rough grade to levels, profiles, and contours
allowing for surface treatment as indicated.
.2 Slope rough grade away from building to provide
positive drainage.
.3 Prior to placing fill over existing ground, scarify
surface to depth of 150 mm minimum before placing
fill over existing ground. Maintain fill and existing
surface at approximately same moisture content to
facilitate bonding.

- 3.2 GRADING (Cont'd)
- .4 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.
 - .5 Do not disturb soil within branch spread of trees or shrubs to remain.
- 3.3 TESTING
- .1 Inspection and testing of soil compaction will be carried out by testing laboratory designated by ULC. Costs of tests will be paid by Departmental Representative.
- 3.4 CLEANING
- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
 - .1 Leave Work area clean at end of each day.
 - .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.
 - .3 Waste Management: separate waste materials in accordance with Section 01 74 21 - Construction/ Demolition Waste Management and Disposal.
- 3.5 PROTECTION
- .1 Protect existing fencing, landscaping, natural features, bench marks, buildings, pavement, surface or underground utility lines which are to remain as directed by Departmental 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.