

PART 1 - GENERAL

- 1.1 Related Sections .1 CW- Topsoil and Finish Grading
- 1.2 Product Data .1 Submit product data in accordance with CW 1130 Site Requirements
.2 Provide product data for:
.1 Fertilizer.
- 1.3 Samples .1 Submit samples in accordance with CW 1130 Site Requirements
.2 Provide samples for:
.1 Mulch.

PART 2 - PRODUCTS

- 2.1 Mulch .1 To be Canada #1 Shredded Western Red Cedar
.2 Ensure soil settlement has been corrected prior to mulching.
.3 Spread mulch to a thickness of 50mm evenly distributed over planting beds.
- 2.2 Manure .1 To be well rotted, unbleached cattle manure, not less than eight months or more than two years old, free of harmful chemicals and substances, containing no more than 25% straw, leaves or other materials unsuitable for planting use.
- 2.3 Peat Moss .1 Derived from partially decomposed fibrous or cellular stems and leaves of species of sphagnum mosses.
.2 Elastic and homogeneous; brown in color.
.3 Free of wood and deleterious material which could inhibit growth.
.4 Shredded particle minimum size 5 mm.
- 2.4 Topsoil .1 To be provided by The City from on site source.
.2 In the event topsoil is not provided by The City, payment for imported topsoil will be paid at the Contractors cost per cubic metre with presentation of copies or appropriate haulage tickets.
.3 To be screened to be free of roots, vegetation, debris, toxic materials and stones over 50mm dia.
- 2.5 Bone Meal .1 Raw bone meal, finely ground with a minimum analysis of 2% nitrogen and 20% phosphoric acid.
- 2.6 Fertilizer .1 Complete non-toxic, no-burning, slow release commercial synthetic fertilizer.
.2 Formulation ratio 20:20:20.

2.7 Planting Soil Mix .1 To consist of 8 parts topsoil mixed with 1 part peat moss and 1 part manure

PART 3 B EXECUTION

3.1 General .1 Where required, raise sub-grade to rough grade levels with landscape fill, deposit in layers not exceeding 200 mm. Consolidate each layer to minimum 93% Standard Proctor Density.

3.2 Preparation of Existing Grade .1 Remove sod and relocate to Cemeteries compost area.
.2 Excavate or fill and rough grade planting areas to a depth of 500mm below finish grades.
.3 Remove surface debris, roots, vegetation, branches, and stones in excess of 50 mm maximum dimension.

3.3 Installation of Planting Soil Mix .1 Spread planting soil mix after Contract Administrator has inspected and approved sub grade.
.2 Spread planting soil mix with adequate moisture in uniform layers over approved, unfrozen sub grade where planting is indicated.
.3 Apply planting soil mixture to a depth of 500 mm.

3.4 Soil Amendments .1 Mix fertilizer into the top 100mm of placed soil mix.
.2 Mix bone meal into the top 100mm of placed soil mix at a rate of 3kg/m³

3.5 Finish Grading .1 Fine grade entire topsoil area to contours and elevations indicated on drawings or as directed. Eliminate rough spots and low areas to ensure drainage.
.2 Prepare loose friable bed by means of raking.
.3 Leave surface smooth, uniform, firm against deep foot printing with a fine loose texture.

3.6 Planting Bed Edge Treatment .1 Cut 100mm deep vertical channel sloping into bed around all planting areas.

3.7 Acceptance .1 Contract Administrator will inspect and test planting mix in place and determine acceptance of material, depth and finish grading.

3.8 Surplus of Materials .1 Dispose of surplus topsoil not required for fine grading and landscaping on-site as directed by Contract Administrator.

3.9 Restoration of Stockpile Sites .1 Stockpiles to be left in a neat and pile condition repair any damage to surrounding site and transport areas between work site and storage area.