

1.0 GENERAL

1.1 ROUGH GRADING

- .1 Subgrade preparations shall include trimming of any irregularities in the subgrade. All roots, stones larger than 25 mm (1 inch) in diameter, vegetation and other foreign matter, which is wholly or partly exposed, shall be removed from the surface of the subgrade.
- .2 In case of bedrock, Contractor shall be responsible for placing a minimum of 750 mm (30 inches) of fill, free of rocks, boulders, concrete or any other debris.
- .3 The subgrade shall be established parallel to the finished grades unless shown otherwise, and shall be shaped in such a manner so as to permit draining of water in event of heavy rain.
- .4 Unless shown otherwise, areas shall be given uniform slopes between points for which finished grades are indicated on the drawings, or between such points and existing grades. At top and toe of slopes and banks, grades shall be smoothly rounded.
- .5 Scarify subgrade to 75 mm. Where area is severely compacted, scarify to 200 mm. Any subgrade that has been disturbed shall be compacted to 65 - 70% Standard Proctor Density, unless specified otherwise by the Project Manager.

1.2 EXCAVATION

- .1 All excavation required below sub-grade shall, in all cases, be the Contractor's responsibility.
- .2 All required excavation work for paving, retaining walls, steps, curbs, etc., shall be as required by the approved drawings and specifications.
- .3 All excavated materials shall be removed from the site unless they are approved for use as fill materials on the site where filling is required.
- .4 The excavation for planting beds which are to be completely filled with planting topsoil, shall be to the depths specified hereafter, unless specified otherwise.
- .5 Excavations and trenches shall be approved by the Project Manager before backfilling. The area excavated shall be backfilled immediately after receiving approval.

1.3 FILLING

- .1 Unless otherwise specified, the Contractor shall, where required, supply and spread sufficient fill materials to raise existing grades to the final grades as designated by the Project Manager.
- .2 Such fill materials shall be free of any debris subject to rot or corrosion, and shall be approved by the Project Manager before placing.
- .3 Where necessary, prior to placing fill the existing grade shall be scarified to a minimum depth of 75mm (3 inches) to provide a good bond.
- .4 Where necessary, fill materials shall be placed in loose layers not exceeding 225 mm (9 inches) in depth. Each layer shall be compacted to 65 - 70% Standard Proctor Density, before placing subsequent layers.

END OF SECTION