

SPECIFICATION FOR SUPPLYING AND PLACING DRAINFILL1004. 1. DESCRIPTION

The work will consist of supplying, hauling to the site, placing and compacting drainfill.

1004. 3. SUPPLY OF MATERIALS

The Contractor shall supply drainfill which shall be free from organic material and shall meet the following requirements:

Type "A" Drainfill

Passing 53 mm Sieve	100%
Passing 26.5 mm Sieve	60 - 84%
Passing 13.2 mm Sieve	20 - 45%
Passing 6.7 mm Sieve	0 - 3%

Type "B" Drainfill

Passing 9.5 mm Sieve	100%
Passing 4.75 mm Sieve	95 - 100%
Passing 1.18 mm Sieve	45 - 80%
Passing 0.3 mm Sieve	10 - 30%
Passing 0.15 mm Sieve	2 - 10%

A sample of each type of drainfill which the Contractor proposes to use shall be submitted to the Engineer at least 14 d before the material is to be used in the work. The Department will test the material for conformance to the grading requirements.

1004. 7. CONSTRUCTION METHODS

Type "A" drainfill shall be placed from the elevation of the bottom of the lowest drain to an elevation of 150 mm above the top of the highest drain, or as indicated on the plans or as described in the Special Provisions.

Type "B" drainfill shall be placed from an elevation of 150 mm above the highest drain up to the bottom of the approach slab, or as indicated on the plans or as described in the Special Provisions.

The drainfill shall be placed in layers not to exceed 200 mm in depth and each layer shall be thoroughly compacted by means of packers or mechanical tampers approved by the Engineer before the next layer is placed. Both types of drainfill shall be placed for a distance of 450 mm measured from the outside faces of a concrete substructure unit or culvert unless otherwise shown on the plans.

1004. 9. METHOD OF MEASUREMENT

Drainfill will be measured in cubic metres for each type of material delivered and placed in the designated backfill areas. The capacity of vehicles hauling drainfill will be derived from measurements made by the Engineer. These measurements will be used to establish the box capacity to the nearest 0.1 m^3 and the capacity of a vehicle box so determined shall not be changed while in use on the project without the consent of the Engineer. The Contractor shall level all loads before they are measured by the Engineer. Measurements will not be made for material heaped above the water level capacity of the box and deductions will be made in 0.1 m^3 units for loads which do not contain full water level capacity.

1004. 11. BASIS OF PAYMENT

(a) Supplying

Supplying drainfill will be paid for at the Contract Unit Price per cubic metre for each type of material for "Supplying Drainfill", measured as specified herein, which price will be payment in full for performing all operations herein described and all other items incidental to the work included in this Specification.

(b) Placing

Placing drainfill will be paid for at the Contract Unit Price per cubic metre for each type of material for "Placing Drainfill", measured as specified herein, which price will be payment in full for performing all operations herein described and all other items incidental to the work included in this Specification.