

**ITEM 208.0701 11 - TOPSOIL FOR BIORETENTION AND FILTRATION**  
**(NYCDPR)**

**DESCRIPTION**

This work shall consist of furnishing, spreading, and incorporating TOPSOIL FOR BIORETENTION AND FILTRATION in accordance with the contract documents and as directed by The Engineer.

**MATERIALS**

Materials for this work shall meet the following requirements:

- The pH of the material shall be between 5 and 6.5.
- Topsoil shall have a minimum organic content of 2 percent and a maximum of 5 percent. If the source soil requires amendment to meet the topsoil organic content requirement, leaf compost will be the only approved admixture. No soil mixing will be permitted during or after topsoil placement. Topsoil shall be tested for compliance with Contract specifications and submitted for approval prior to delivery to the site.
- Gradation:

| <u>Sieve Size</u> | <u>Sieve Designation</u> | <u>Percent Passing by Weight</u> |
|-------------------|--------------------------|----------------------------------|
| 6.30 mm           | 1/4 inch                 | 100                              |
| 4.75 mm           | No. 4                    | 70 - 80                          |
| 2.0 mm            | No. 10                   | 45 - 60                          |
| 425 µm            | No. 40                   | 10 - 20                          |
| 75 µm             | No. 200                  | 0 - 2                            |

**STOCKPILING AND SAMPLING**

All the provisions of Section 713-01 pertaining to Topsoil Stockpiling and Sampling shall apply.

**CONSTRUCTION DETAILS**

Construction details shall conform to the requirements of Section 613-3.01, 613-3.03 and 613-3.04.

Immediately after placement of the TOPSOIL FOR BIORETENTION AND FILTRATION, this soil shall be protected from contamination of fine and large debris from the construction site by the use of geotextile fabric or other erosion control measure, as ordered by the Regional Landscape Architect.

**METHOD OF MEASUREMENT**

This work will be measured as the number of cubic meters of TOPSOIL FOR BIORETENTION AND FILTRATION satisfactorily installed.

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**BASIS OF PAYMENT**

The unit price bid shall include the cost of furnishing all labor, materials and equipment required to complete the work.

Geotextile fabric or other erosion control measures utilized will be paid for under their appropriate items in Sections 207 and 209, as applicable.

DISAPPROVED