

ITEM 11203.25 M - BACKFILL ENVELOPE FOR WATER MAINS AND APPURTENANCES (NYC)

Description:

The Contractor shall furnish and place clean natural sand around water mains and appurtenances in accordance with this specification and the NYCDEP Bureau of Water Supply "Standard Water Main Specifications" (latest revision).

Materials:

Backfill envelope shall be clean natural sand of no clay contents and shall have a gradation where 100% will pass a 25 mm square opening sieve and 100% will be retained on a No. 200 sieve. Backfill envelope shall in all other respects conform to the requirements of ASTM D1073, Fine Aggregate for Bituminous Paving Mixtures.

Construction Details:

Backfill envelope shall be placed around water mains to the limits shown on the drawings. Placement and compaction shall be in accordance with subsections 203-3.01 through 203-3.04, 203-3.12 and 203-3.15 of the Standard Specifications (Metric Edition).

Method of Measurement:

Backfill envelope for Water Mains (NYC) shall be measured as the number of cubic meters of backfill furnished and placed, measured in the final compacted position in accordance with these specifications to the limits shown on the drawings. The volume of the pipe computed based on the outside diameter of the barrel of the pipe or the volume of the appurtenances shall be deducted from the measured quantity.

Basis of Payment:

Basis of Payment shall be in accordance with Subsection 203-5.01 of the Standard Specifications (Metric Edition).