

ITEM 0112301

INSTALL HYDRANT

DESCRIPTION

Work under this item shall consist of providing new fire hydrant assemblies as shown on the plans or where directed by the Engineer. Work shall include, but not be limited to, trench excavation and backfill, pavement repair, surface restoration, furnishing and installation of the hydrant lead complete with hydrant tee, pipe fittings, gate valve, mechanical joint retainer glands, coverall pipe joint restrainers and furnishing and installation of the hydrant with concrete masonry units and drainage stone.

REFERENCED ITEMS

None

REQUIRED SUBMITTALS

Manufacturer's data sheets for hydrants, pipes, gate valves, fittings, and retainer glands shall be submitted to the Engineer for approval.

MATERIALS

The materials shall meet the standards required by the Bureau of Public Works of the Metropolitan District (MDC), and in accordance with the Developers Manual for Water Main Design and Installation Standards, Latest Edition.

CONSTRUCTION METHODS

The construction methods shall meet the standards required by the Bureau of Public Works of the Metropolitan District (MDC), and in accordance with the Developers Manual for Water Main Design and Installation Standards, Latest Edition.

METHOD OF MEASUREMENT

Hydrants will be measured as units, completed and accepted in place, regardless of depth of bury, as measured from and inclusive of the "T" in the water main to the end of the excavation.

Pavement repair, surface restoration, thrust blocks, retainer glands, coverall pipe joint restrainers, rod-type joint restraint, hydrant "T", lead, gate valve and other appurtenances will not be measured for separate payment.

BASIS OF PAYMENT

Fire hydrant installations will be paid for at the contract unit price each for "INSTAL HYDRANT", which price shall include trench excavation, backfill, pavement repair, surface restoration, hydrant "T", hydrant gate valve, and valve box, hydrant lead and restrainers, drainage stone, testing, disinfection, and all incidental tools, labor, equipment and materials necessary to complete the work.

<u>PAY ITEM</u>	<u>DESCRIPTION</u>	<u>PAY UNIT</u>
0112301	Install Hydrant	EA