

**ITEM 11604.0404 M - NYC STANDARD FOR 1.83 METER DIAMETER PRECAST MANHOLE**  
**ITEM 11604.0405 M - NYC STANDARD FOR 2.14 METER DIAMETER PRECAST MANHOLE**  
**ITEM 11604.0406 M - NYC STANDARD FOR 2.44 METER DIAMETER PRECAST MANHOLE**  
**ITEM 11604.0407 M - NYC STANDARD FOR 3.05 METER DIAMETER PRECAST MANHOLE**

**DESCRIPTION**

This work shall consist of the construction of 1.83, 2.14, 2.44 and 3.05 meter diameter precast manholes (NYC) at the locations shown on the plans or as directed by the Engineer.

**MATERIALS:**

Section 604-2.01 of the Standard Specifications (Metric Edition) shall apply with the following modification and or addition:

Manholes shall be built of circular Precast Reinforced Class "A" Concrete Manhole Units.

**CONSTRUCTION DETAILS.**

Section 604-3.01, 3.02, 3.05 and 3.11 of the Standard Specifications (Metric Edition) shall apply.

Manholes shall be as shown on the following New York City Department of Environmental Protection SEWER DESIGN STANDARDS, (October 1997 or later).

Page	Drawing Description
SE30A	STANDARD FOR PRECAST MANHOLE (DWG 1 OF 4) (FOR 1.83, 2.14, 2.44, AND 3.05 METER DIA PRECAST MANHOLE) (LOOSE TOP SLAB AND MONOLITHIC BASE SECTION)
SE30B	STANDARD FOR PRECAST MANHOLE (DWG 2 OF 4) (FOR 1.83, 2.14, 2.44, AND 3.05 METER DIA PRECAST MANHOLE) (MONOLITHIC TOP SECTION AND ALTERNATE LOOSE BOTTOM SLAB)
SE30C	STANDARD FOR PRECAST MANHOLE (DWG 3 OF 4) (FOR 1.83, 2.14, 2.44, AND 3.05 METER DIA PRECAST MANHOLE) (PRECAST MANHOLE MISCELLANEOUS DETAIL, NOTES AND SCHEDULE)

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SE30D            STANDARD FOR PRECAST MANHOLE (DWG 4 OF 4)  
                    (FOR 1.83, 2.14, 2.44, AND 3.05 METER DIA PRECAST MANHOLE)

**METHOD OF MEASUREMENT**

The quantity to be paid for will be the number of linear meters of height measured to the nearest tenth of a meter from the bottom of the base to the top of the masonry.

**BASIS OF PAYMENT**

The unit price bid per linear meter shall include the cost of all labor, equipment and materials necessary to complete the work, except as follows:

- A. Necessary excavation will be paid for under Trench and Culvert excavation.
- B. Bar reinforcement (except in reinforced concrete pipe and precast reinforced concrete units) will be paid for under Uncoated Bar Reinforcement for Concrete Structures.
- C. Frames, covers, and gratings will be paid for under the appropriate items.
- D. Temporary sheeting, if necessary, will be paid for under their appropriate items.