

ITEM 08607.4024 M - METAL GATE

DESCRIPTION:

This work shall consist of furnishing and erecting metal steel gates of the type and size, and at the location shown in the contract documents or as directed by the Engineer.

MATERIALS:

Steel and Iron Posts, Rails, Braces and Fittings for Chain-Link Fence	710-10 & 710-10.03
Portland Cement Concrete Class A	501
Bolts, Nuts and Washer shall be ASTM A325M, Type 3	

CONSTRUCTION DETAILS:

Shop drawings shall be submitted and approved by the Engineer prior to starting work.

Gates shall be fabricated in accordance with the plans and the approved shop drawings. Posts and rails shall be formed into panels of the shapes shown on the plans and joints completely welded with welds of proper size and shape. All welds shall be ground smooth to a neat finish. Fittings shall be as indicated on the plans. All structural steel work including, but not limited to , fabrication, inspection, transportation and erection shall be done in accordance with the provisions of the New York State Steel Construction Manual. The protective coating shall be galvanized both inside and out in accordance with ASTM F1083. The finish coat shall be applied after the gate has been erected. Th color shall be as specified on the plans.

Rails and bars shall be parallel to grade unless specifically shown otherwise in the contract documents. Connections between panels and posts shall be shown in the contract documents.

METHOD OF MEASUREMENT:

Gates shall be measured as the number of complete gates furnished and erected in accordance with the specifications, plans, and directions of the Engineer.

BASIS OF PAYMENT:

The unit price bid for each gate shall cover the cost of furnishing all labor, materials, tools and equipment necessary to satisfactorily complete the work and also include all necessary clearing, grubbing, excavation and disposal, fill, concrete, gates, gate posts, lock, latch, bracing and all other necessary materials.