

### SECTION C3

#### POST HYDRANTS

##### GENERAL

This section covers the installation of new hydrants and the resetting of existing hydrants.

Prior to putting any existing hydrant out of service for any reason, the Contractor shall notify the Fire Department in writing in accordance with City of Boston Fire Department requirements.

Hydrants which will be out of service for more than twenty-four (24) hours shall be replaced by temporary hydrants.

##### MATERIALS

Hydrants required to perform the work under this section shall be either existing hydrants (noted as "Reset Existing Hydrant" on plan) or new hydrants (noted as "Set Hydrant" on plan). The Commission shall supply new hydrants from its storage yard.

##### CONSTRUCTION METHODS

Where hydrants are specified to be reset the Contractor will test each hydrant to ensure that the hydrant functions and drains. The test will be done prior to deactivating the water main and in the presence of the Inspector or the Engineer. The Contractor shall immediately notify the Engineer if the hydrant is found to be defective.

Hydrants shall be set plumb with the steamer nozzle facing the roadway.

Hydrants shall be set with the center of the operating nut 18 inches back from the face of the curb.

Hydrants shall be set so that manufacturers "bury" mark or ground line is at finish grade. If there is no bury mark on the hydrant, the bottom of the breakaway feature shall be a minimum of 2 inches and a maximum of 4 inches above finished grade.

The depth off bury shall be either 5 1/2 or 6 feet.

