

# **IMPORTANT INFORMATION FOR BUILDERS**

## **SUFFOLK COUNTY WATER AUTHORITY OAKDALE, NEW YORK DISTRIBUTION CONSTRUCTION DEPARTMENT**

The following general information has been prepared to assist builders in order to properly comply with certain requirements of the Authority preparatory to the installation of water mains under construction contracts as well as fire hydrants.

### **I. EASEMENTS AND PAYMENTS**

Construction plans are released to this department for installation only after the local new service managers notify us that all easements have been cleared and monies have been received. Any inquiries regarding these items should be made to the new service manager.

### **II. JOB SITE PREPARATION**

Inspection will not be done until "Site Preparation Form" has been completed and faxed to the Construction Maintenance Department by the builder. If the inspection fails there is an \$80.00 reinspection fee which must be paid to the New Service Department prior to reinspection.

(a) All required curbs, drainage, and sewers must be completed before the Authority will start construction. Water mains are normally installed in the streets, under pavement, above five (5) feet from the curb. Uniform location and proper depth are essential.

(b) The streets must be graded for a full width of each street as close as possible to finished grade or to subgrade, whichever the builder prefers, as long as the grade is uniform throughout the entire job. The surface must be adequately stabilized to permit delivery of materials and passage of construction equipment.

(c) Where curbs are not required, grade stakes must be set, preferably along the property line on the side that the water main is to be installed (usually north and west sides). Preparations should also be completed as outlined in paragraphs (a) and (b) above.

The number of stakes set should be as follows:

(1) On straight line runs -- 75 feet to 100 feet apart;

- (2) On long radius or sweeping curves -- 50 feet apart;
- (3) On sharp curves (cul-de-sac and corners) -- 25 feet apart.

"Approximate" locations for line stakes are not acceptable. Marker lath should clearly indicate what the stake represents, such as property line (P.L.), point on curve (P.O.C.), point of intersection (P.I.), etc.. It would be advisable to furnish us with a "cut sheet" (either list or sketch) as made out by your surveyor; if the lath markers are missing, we may still be able to locate the "hub" stakes.

(d) The builder should notify us when the necessary preparations as outlined above have been completed. We shall then have our "line-up" crew check out the job, stake out valve locations, fire hydrant locations, and make any adjustments due to field conditions. **ORDERS FOR CONSTRUCTION WILL BE RELEASED TO OUR CONTRACTORS ONLY AFTER THE PIPELINE INSPECTOR HAS APPROVED THE JOB SITE PREPARATION.**

(e) The installation schedule depends largely on the amount of backlog work, weather, etc. We endeavor to maintain a "first ready-first served" policy. Every effort will be made to complete construction as soon as possible after the job is released to our contractor.

(f) If stub service is desired, the builder must stake out for the location of a stub.

### **III. FIRE HYDRANT INSTALLATION**

(a) Most towns require that fire hydrants be ordered and installed before paving work is completed. Some towns will not issue a Certificate of Occupancy unless fire hydrants have been installed. F.H.A. requirements must also be considered. Since the method of ordering fire hydrants varies with respective towns, villages and fire districts, it is beyond the scope of this bulletin to discuss the matter in detail. Fire hydrants can be installed only after we receive a specific written order from the responsible authorities. **THE BUILDER SHOULD INITIATE HIS OR HER REQUEST FOR FIRE HYDRANTS AS SOON AS POSSIBLE, PREFERABLY AT THE TIME OF PRELIMINARY CONTRACT NEGOTIATIONS WITH THE AUTHORITY.** The Water Authority's new service manager can advise the builder regarding location requirements and fire districts to be contacted.

(b) Scheduling water main installations **WILL NOT** be considered until the builder has completed negotiations, as necessary, for fire hydrant installation.

(c) Fire hydrants will be installed at the same time as the main construction is proceeding.

(d) Occasionally, the builder may be requested to set certain property corner stakes so that hydrants may be properly located as ordered.

#### **IV. RESIDENTIAL UNDERGROUND DISTRIBUTION**

In developments where the builder has contracted with the Long Island Power Authority and the telephone company to have these facilities installed underground in a common trench, it is necessary that the Water Authority's work on main installation and house services be completed before LIPA starts work. Any delays in the proper site preparations or completion of the builder's work will delay ALL utility installations.

#### **V. SANITARY SEWER SYSTEMS**

(a) Design requirements, with certain exceptions, by the Department of Environmental Control (DEC) require a minimum depth of six (6) feet at the curb line for house connections. With a house connection slope of 2%, there should not be conflict between the water and sewer installation providing proper care is taken in the construction of each facility. The DEC requires that curbs be marked at the point where the house laterals cross under the curb.

(b) Where sanitary sewers are broken during water main installation, the Authority is required to notify the Department of Environmental Control directly since many of these installations will be dry sewers and not used for many years.

(c) Particularly where the sewers are properly marked, the Authority, through its field inspectors, will insist that its construction contractors exercise the greatest care not to accidentally break any sewer lines where grade conflicts may exist. We will raise or lower the water mains during construction to leave sewer line undisturbed.

(d) Where a sewer is broken accidentally, the Authority's contractor will leave the excavation open with the broken sewer line exposed so that repairs can be made by the builder after he is notified by Authority representatives. Neither the Authority nor its contractor will make any repairs on broken sewer lines. It will be the responsibility of the builder to do so.

(e) THE AUTHORITY AND ITS CONTRACTORS WILL NOT ASSUME ANY FINANCIAL RESPONSIBILITY FOR THE REPAIR OF ANY DAMAGED

SEWER FACILITIES UNDER ANY CIRCUMSTANCES. In order to minimize the possibility of damages, the builder, or his representative, who is familiar with the sewer installation, should be present at the time of pipeline construction.

Your cooperation, by giving careful attention to and complying with the above requirements and suggestions, will enable us to serve you more efficiently and adequately. Any questions regarding job site preparation or pipe and hydrant installation schedules may be made to the Distribution Construction Department at Oakdale, New York, Mr. Tim Kilcommons, Superintendent, phone:563-0253.