

## 1.1 INTRODUCTION

This section describes the conditions of construction that the developer must meet if the Holyoke Water Works has determined that the development can be served from the municipal water system and the developer proceeds with its development.

## 1.2 PLAN SUBMITTALS

At the time of submission of the Site Plan or Definitive Sub-division plan to the Planning Board as provided for under Chapter 41 of the General Laws, the developer shall furnish the Holyoke Water Works with a similar set of Plans, which shall be used by the Holyoke Water Works for review and/or approval of the water piping system.

## 1.3 PIPING SYSTEM REQUIREMENTS

The piping system shall meet the following minimum requirements and shall be subject to the approval of the Holyoke Water Works:

- a. Pipe shall be Ductile Iron, Class 52, 8-inch minimum.
- b. Hydrants shall be spaced at 400 feet maximum or as determined by HWW.
- c. A hydrant shall be located at every street intersection.
- d. Hydrants along a street shall be located opposite the common property line of two lots.
- e. Every hydrant shall be equipped with a 6-inch shut-off valve, bolted or anchored to the hydrant tee.
- f. Valves on straight runs of pipe shall be spaced no more than 800 feet apart or as determined by HWW.
- g. Every intersection or branch connections shall be valved 3-ways.
- h. Connections to the existing water system shall be made by a cut-in and shall be valved three ways. Under various circumstances, the Holyoke Water Works may allow the use of a tapping sleeve and valve.
- i. Dead ends shall be avoided by looping of all water mains. Acquisition of property or easements and related engineering services necessary for looping shall be the responsibility of the developer. Easement width shall be 30 feet minimum and subject to upward revision depending upon pipe diameter. The easement shall be dedicated for the purpose of supplying water only; all other utilities, i.e. gas, electric, sewer, telephone, etc., shall be prohibited.
- j. All water mains and service pipe shall be laid in a trench **separate** from any other utility. The horizontal distance between water mains or service pipe

and any other utility shall be a minimum of ten feet. Exception to this rule shall be at the discretion of the Board of Water Commissioners or its assigned representative.

- k. All materials shall be in accordance with Section 5, "Material Standards". All material shall be new and shall be of the type currently used by the Holyoke Water Works.
- l. All construction shall be in accordance with Section 6, "Construction Standards". All construction shall be of the best quality, in accordance with the current practice of the Holyoke Water Works.

#### **1.4 TIME FRAME FOR CONNECTIONS**

Connections to the existing water distribution system may be made only during the period beginning April 1st and ending November 1st (7 months). Connections outside of this period may be made only if the developer assumes full responsibility for maintenance and repair of the excavated area and provides the necessary equipment and manpower to excavate, backfill, and restore the trenched area to the satisfaction of the Department of Public Works. The developer shall be required to obtain the necessary permits to excavate within the public ways and shall be subject to any conditions imposed thereon. Preparation and restoration of any road or sidewalk surface shall be in accordance with the Holyoke Department of Public Works Specifications.

#### **1.5 HWW WORKMANSHIP GUARANTEE**

All workmanship provided by the Holyoke Water Works associated with a new connection installation, an existing service repair, or meter replacement to the original pipes will be completed in a satisfactory manner and will be guaranteed by the Holyoke Water Works for a period of 90 days following the completion of the work. Liability will be limited to the repair or replacement of unsatisfactory work or materials.

#### **1.6 DEVELOPER'S RESPONSIBILITY FOR CONNECTIONS**

Connections to the existing water distribution system will be made by Holyoke Water Works personnel. The developer shall pay the full cost of the labor, materials, and equipment required for the construction of such connection.

#### **1.7 DEVELOPMENT OF SUB-DIVISIONS**

Within a sub-division, water main and service pipe construction shall be generally carried out by the Holyoke Water Works. The developer shall pay the full cost of all labor, materials, and equipment required for the construction, as shown on the Definitive Plan approved by the Holyoke Water Works.

At the request of the developer, the Holyoke Water Works may waive this requirement and allow the developer to construct its water mains and service connections using a contractor

that meets the approval of the Holyoke Water Works. In this event, the developer must provide satisfactory credentials indicating the capabilities and experience of the contractor. Once approved, no changes in the contractor shall be made.

The Holyoke Water Works reserves the right to require the developer to hire an approved contractor to install the water mains and service connections if the work schedule of the Holyoke Water Works deems it necessary.

## **1.8 PIPING SYSTEMS**

All piping systems constructed as service connections and located on private property shall be under the control of the Board of Water Commissioners for the use of the premises where laid and shall be maintained at the expense of the property owner. The piping system, which includes gates, hydrants, fittings, etc., shall be maintained in accordance to the standards of the Holyoke Water Works.

All main line piping systems that are either originally or subsequently in accepted streets and/or public ways shall belong to the Board of Water Commissioners. These pipes will be considered a part of the Holyoke Water Works distribution system.

## **1.9 INSPECTION OF CONSTRUCTION**

All construction by the developer's contractor shall be subject to full-time inspection by either Holyoke Water Works personnel (when available) or by personnel of its consulting engineer. The cost of such inspection shall be charged to the developer. The developer shall coordinate its construction activity so that this full-time inspection can be provided easily and economically.

Construction by Holyoke Water Works personnel will not require inspection.

## **1.10 WATER SYSTEM USAGE**

The developer and/or its contractor shall not operate any hydrants, valves, curb stops, or corporations, nor shall they draw any water from the system without the specific approval of the Holyoke Water Works.

No contractor, developer, or other entity shall be allowed to use city water for building, construction, or private purposes without written authorization of the Board of Water Commissioner. Any such temporary water service will be subject to charges for installation and for water usage as described in Appendix B, as well as a service charge each time the Holyoke Water Works has to turn it on or off. Water usage will be metered or estimated and will be charged for at the prevailing water rates.

Valves, hydrants, corporations, and curb stops will be operated only by Holyoke Water Works personnel, after authorization by the Superintendent. Failure to conform to these requirements will result in an assessment and loss of water service, as described in Appendix B.

## 1.11 CHARGES FOR WATER SERVICE

Any person, group, business, or corporation applying for water service shall be subject to frontage and connection charges. The developer shall be subject to and shall pay the following charges:

- a. **Frontage Charge** - A charge per linear foot of the development property fronting on a currently accepted or developed street. The frontage charge is described in Appendix B and is subject to change without notice. This charge applies to both sides of the street.

The frontage charge to corner lots will be applied against only one side of said lot. The length of the side through which the service connection passes shall be used in determining this frontage charge. In cases where the property owner cannot specify the side of the lot through which the service connection will pass, the Board of Water Commissioners will apply the frontage charge to the longest side of the lot.

- b. **Rock Excavation** - A charge on a cost reimbursement basis will be made for all rock excavation in connection with a service installation or main pipe extensions on existing streets and shall be paid for before water is turned on. In new developments or services where ledge, hard rock, or severe terrain interferes with construction of the necessary activities of the Holyoke Water Works, a private contractor will be hired and its services will be billed to the property owner. In new and old constructions where the Holyoke Water Works reconstructs piping and conditions are hazardous because of another utility's encroachment, the Holyoke Water Works reserves the right to relocate water mains or services at the expense of the property owner.
- c. **Connection Charge** - A service connection charge is a charge for each connection to the existing water system and/or a service connection off of a private water system for domestic use or for fire protection purposes. The charges are subject to change without notice. Service connection charges are described in Appendix B.

Frontage and connection charges shall be paid when the application is made for the water service. The rates for the frontage and connection charges shall be the rates in effect at the time when application for water service is made.

- d. **Construction Cost** - The developer shall bear the entire cost of constructing the proposed main piping and service pipe system as shown on the Holyoke Water Works approved Definitive Plan.
- e. **Final Acceptance** - When the developer's water system has been completed, has met all requirements of the Holyoke Water Works, and all charges have been paid, a letter of acceptance will be sent to the developer by either the Board of Water Commissioners or the Holyoke Planning Board.

Only after the acceptance letter has been received by the developer will the development be provided water service.