Addendum No. 20 Summary
December 6, 2016
REVISIONS TO THE LTMUA RULES & REGULATIONS

The following sections are to be created/revised as follows:

Revise As-Built Drawing Checklist

7.19 AS-BUILT INFORMATION

As-Built drawings are to be prepared by a licensed surveyor in the state of New Jersey. In addition to field work required to obtain topographical and invert information, the surveyor is required to use inspection reports and contractor's notes to complete the drawings with information not able to be obtained during field work. Upon approval of the As-Built drawings 4 sets of signed and sealed plans, 2 sets of signed and sealed mylars and an autocad version of the As-Built drawings must be submitted to the Authority.

The Contractor is responsible for gathering and maintaining field as-built information including all distances between valves and fittings, all clearances at crossings, all changes, and all important notes. This information must be available to the licensed surveyor preparing the As-Built drawings upon request.

As-Built drawings must be in strict compliance with the Authority's approved As-Built Drawing Checklist.

3.09.3 ENGINEER'S REPORT

An Engineer's Report shall be submitted for the project detailing the design parameters used for the project. This report must be signed and sealed by a Professional Engineer registered in the State of New Jersey. As a minimum, the Report shall include:

Water

(1) Hydraulic Analysis used to determine the residual pressure within the system and that demonstrates the available fire flow throughout the development. The system must be designed to provide a minimum residual pressure of 20 PSI at any location using the fire flows plus the maximum day demand.
(2) Parameters used to determine the water demand for the project. The report must provide both the average daily demand and the peak daily demand based on NJAC 7:10.
(3) The necessary fire flows for the project. The Authority recommends that the ISO Standards be used.
(4) For any non residential buildings a statement must be included indicating the building design meets all appropriate fire code regulations.
(5) A description of the proposed development.
(6) A description of all water infrastructure to be installed as part of this project including, but not limited to, the length, size and material of water mains and laterals to be installed as part of the project.
(7) List all permits required for this development.

An additional hydraulic analysis or additional hydraulic information may be required at the conclusion of construction at the discretion of the Authority Engineer.

Sewer

(1) Parameters used to determine the sewer flow for the project. The report must provide both the average daily flow and the peak daily flow based on NJAC 7:14A.
(2) A description of the proposed development.
(3) A description of all sanitary sewer infrastructure to be installed as part of this project including, but not limited to, the length, size, slope and material of sanitary sewer mains and laterals to be installed as part of the project.
(4) Must demonstrate adequate capacity for the proposed line as well as the existing main to which the proposed sewer line connects based on maximum system build out as per the Authority's sanitary sewer master plan.
(5) Must indicate the proposed sewer infrastructure meets minimum and maximum velocity requirements.
(6) List all permits required for this development including a Treatment Works Approval (TWA) from the NJDEP and approval from the Ocean County Utilities Authority (OCUA).