

**Addendum No. 30 Summary**  
**January 8, 2019**  
**REVISIONS TO THE LTMUA RULES & REGULATIONS**

**CHANGES TO CONSTRUCTION DETAILS**

1. Revise Construction Detail #2 "Fire Hydrant Detail" to change to American Flow Control Hydrant
2. Revise Construction Detail #3 "Blow Off Hydrant Detail" to change to American Flow Control Hydrant
3. Revise Construction Detail #22 "Internal Drop Connection Detail" to add fiberglass drop bowl

The following sections are to be revised as follows:

**5.07 FIRE HYDRANTS**

Fire hydrants shall be American Flor Control 5 ¼" American-Darling B-84-B-5 fire hydrant or approved equal. Fire hydrants shall conform to AWWA C502 and shall be installed in accordance with the detail. Hydrants shall have a 6" bell connection, two 2 ½" hose connections and one 4 ½" pumper connection. Threads on the pumper and hose connections shall conform to the "National Standard Screw Threads for Fire House Couplings and Fittings" published by the Insurance Services Office. Hydrants shall have a minimum of 5 ¼" main valve opening, and the operating nut shall be pentagonal 1 ½". They shall have a bronze coupling and bronze to bronze seating. They shall be designed to operate under 150 psi working pressure and shall open counterclockwise (left). Bury length shall be 5' 6". In areas where the depth of cover is greater than 5' the bury length shall be increased accordingly. Hydrants shall be installed with a Pollardwater 64" fiberglass hydrant marker with reflective red stripes, fiberglass shaft, contain a mounting bracket of 1 ½" x 4" with a 3/8" diameter bolt hole or approved equal.

**5.09 BLOW-OFF HYDRANTS**

Blow-off hydrants shall be American Flor Control 5 ¼" American-Darling B-84-B-5 fire hydrant or approved equal. Fire hydrants shall conform to AWWA C502 and shall be installed in accordance with the detail. Blow-off hydrants shall be installed at all dead ends, at any low points specified by the Engineer and at other locations as directed by the Engineer. Installation of blow-off assemblies shall be in accordance with the details.

**5.17 TRACER WIRE FOR OPEN-TRENCH/OPEN CUT CONSTRUCTION UP TO CURBLINE/PROPERTY LINE**

Tracer wire must be installed above all water mains and water services. Tracer wire must be high strength copper clad steel (CCS) with a minimum rated break load of 400 lbs (Pro-Trace HF-CCS PE30 10 AWG, Copperhead High Strength 1230 12 AWG or equivalent as determined by the Authority Engineer). The tracer wire jacket must be high density polyethylene (HDPE) or High Molecular Weight Polyethylene (HMWPE).

At all connector/splice locations a moisture displacement connector must be used (Copperhead SnakeBite, 3M DBR or equivalent as determined by the Authority Engineer).

Tracer wire must be terminated at all water valve boxes, curb boxes, fire hydrants and meter pits/vaults for testing purposes. At all valve boxes and curb stops that utilize CC protection boxes the wire must be terminated within the box. For fire hydrants, meter pits/vaults and curb boxes without a CC protection box the tracer wire must terminate at a Copperhead SnakePit Magnetized Tracer Box or an approved equivalent as determined by the Authority Engineer.