



City and Borough of Juneau
Engineering Department
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ERRATUM SHEET No.15

**THE CITY AND BOROUGH OF JUNEAU PUBLICATION DECEMBER 2003 of the
STANDARD SPECIFICATIONS FOR CIVIL ENGINEERING PROJECTS
AND SUBDIVISION IMPROVEMENTS**

ERRATUM DATE: May 18, 2017

The following items of the Specifications are modified as herein indicated. All other items remain the same. Please make the following corrections to your copy of the above mentioned Specifications.

Item No. Section No. Article Paragraph Correction

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|----|-------|------|--|--|
| 1. | 02602 | 3.2. | | <i>Add</i> the following: |
| | | C. | | Tracer wires shall be run into the valve box within 6 inches of the top of the box through a drilled hole large enough for the thaw wire. No cutting or notching of the service box will be permitted. A minimum of 5 feet of extra tracer wire shall be neatly coiled inside the top of the valve box. |
| | | D. | | Valve box top sections used as termination boxes for tracer wire only shall have a pressure treated 2x4 board installed to within 3" of the surface of the box. The tracer wire(s) shall be lightly fastened (so as to not damage the wire insulation) to the top of the 2x4 with an insulated wire staple. A minimum of 5 feet of extra tracer wire shall be neatly coiled in the top of the valve box. |

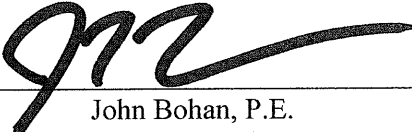
Item No. Section No. Article Paragraph Correction

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|----|-------|-----|----|---|
| 2. | 02605 | 2.1 | C. | <i>Delete</i> in its entirety and <i>replace</i> with the following: |
| | | C. | | Service pipe and fittings shall be the following: |
| | | | 1. | Copper service pipe shall be Cold drawn, seamless annealed Type K Copper with flared bronze fittings or Quick Joint compression type fittings or approved equal. |
| | | | 2. | Polyethylene Plastic (Poly) pipe services shall be SIDR 7, 250 PSI HD PE4710, with ASTM D-2239 NSF Certification. Fittings shall be Quick Joint compression type PEP fittings with stainless steel stiffener insert or equal. Allowable Poly services sizes are only 1", 1-1/2" and 2" IPS. Service pipe larger than 2" shall be butt fusion HDPE as specified in Section 02601 – Water Pipe. |

Item No.	Section No.	Article	Paragraph	Correction
3.	02605	2.1	F.	<i>Delete</i> in its entirety and <i>replace</i> with the following:
			F.	Copper services shall utilize No. 2 stranded copper wire with THW Insulation or approved equal. Poly services shall have a No. 10 AWG high-strength copper clad steel with a 30-mil HDPE insulation jacket (color blue) tracer wire and have a 600-pound average tensile break load. Tracer wire is to be manufactured by Copperhead Industries or an approved equal. All splice connections are to be constructed using 3M DBR watertight connectors, or approved equal. DryConn Waterproof Direct Bury Lugs as manufactured by King Innovation, or approved equal, is to be used to splice into the main line tracer wire.

Item No.	Section No.	Article	Paragraph	Correction
4.	02605	2.1	H.	<i>Add</i> the following:
			H.	Service saddles for HDPE main line pipe shall be HDPE Fusion fittings and shall be heat fused to the mainline pipe.

Item No.	Section No.	Article	Paragraph	Correction
5.	02605	3.1		<i>Add</i> the following:
			G.	Tracer wires shall be firmly attached to Poly services with by duct tape or other approved method.
			H.	Tracer wires shall be run into the service box near the top of the box through a drilled hole large enough for the thaw wire. No cutting or notching of the service box will be permitted.

By:  _____
 John Bohan, P.E.
 Chief CIP Engineer
 Date: 5-18-17

Total number of pages contained in Errata Sheet: 2