GENERAL

This standard covers the procedure for installing sample taps on water mains through 16" in size.

SAMPLE TAP SIZE

All sample taps shall be ¾" in size.

LOCATION

Sample taps shall be installed on all dead-end sections of main, at chlorine tubes, approximately every 1200' and at locations indicated on the drawing. Sample taps shall remain exposed until bacteriological tests have passed.
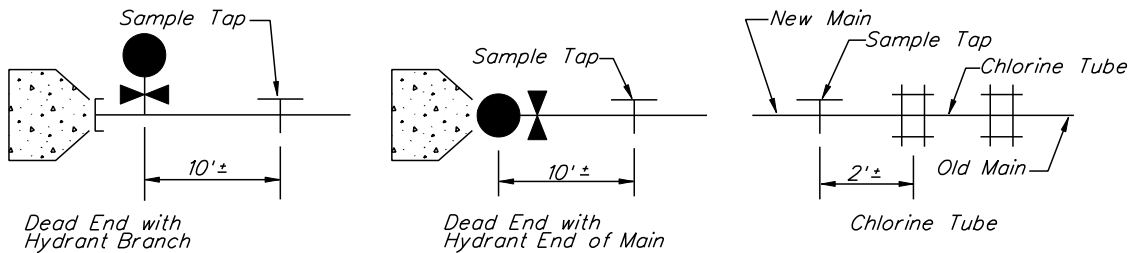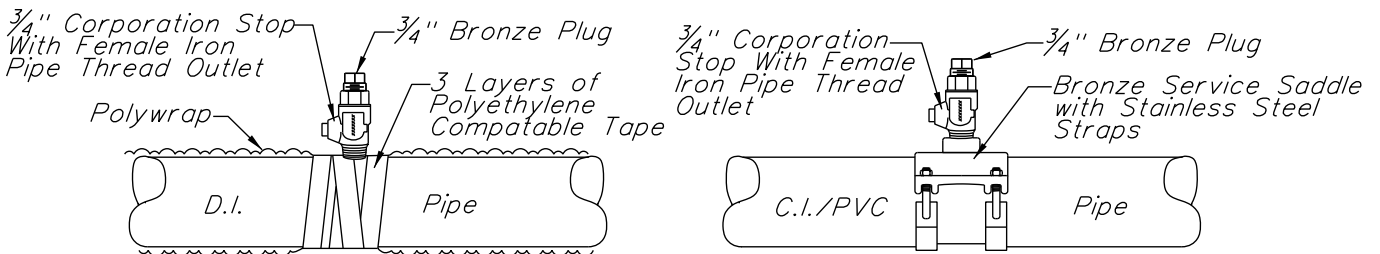

Fig 1

TAP PROCEDURE

Pipe with polywrap shall be wrapped with 3 complete layers of polyethylene compatible adhesive tape at the tap location. Width of area wrapped with tape shall be wide enough to protect polywrap from damage caused by tapping machine (6" minimum width). Tap shall be made through tape, polywrap, and pipe. After tapping, repair any damage to tape and/or polywrap.

Note: Thread sealant shall be NSF 61 approved Teflon tape or pipe dope (Rectorseal #5). The NSF 61 designation (not just NSF) shall be shown on the container to be approved.

*   Taps on cast iron and PVC mains shall utilize a bronze tapping saddle per MUD Specification 119.

**

Fig 2

*   Revised Text
** Revised Drawing

** Taps on HDPE mains shall utilize either a bronze tapping saddle, or electrofusion tapping saddle or sidewall fusion tapping saddle per MUD Specification 119.

Saddle

Electrofusion

Sidewall Fusion

NOTE: For all three processes, tap shall be made with a manual tapping machine and a shell-type cutting bit designed for HDPE. Hand-held drills shall not be used.

Fig 3

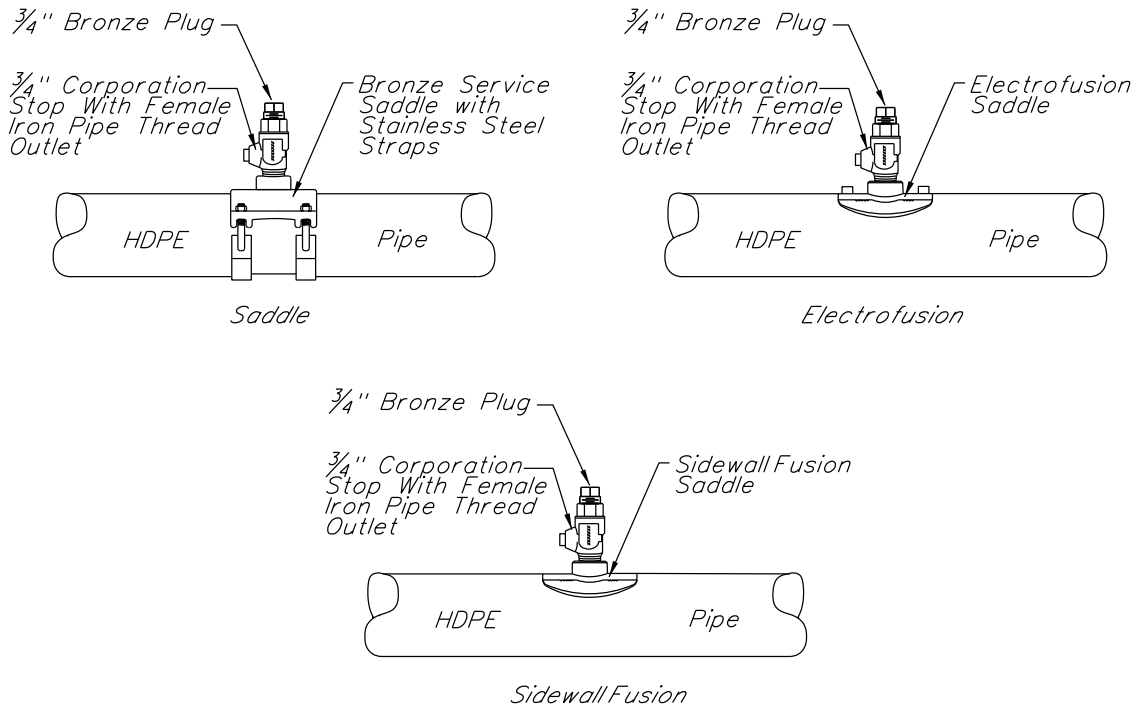** Added Drawing/Text