

TEMPORARY JUMPER DETAIL NOTES

CONTINUED FROM W-13

9. Pipe and fittings used for connecting the new pipe to the existing pipe shall be disinfected with liquid chlorine prior to installation in accordance with AWWA C651, LATEST EDITION. The tapping sleeve and exterior of the main to be tapped shall be disinfected by spraying or swabbing per AWWA C651 Section Two. The use of chlorine tablets is strictly prohibited.
10. The jumper connection shall also be used to maintain a minimum pressure of 20 PSI in the new mains continuously after disinfection and until FDEP clearance letter is obtained.
11. The Contractor shall provide documentation demonstrating that the Reduced Pressure Zone Backflow Preventer (RPZ) is in good working order at the time of installation, and provide documentation that the RPZ has been tested by a qualified backflow technician as approved by IRCDUS. The Contractor shall have each RPZ tested prior to use on each project.
12. Except as required to flush lines greater than 6" diameter, the tie-in valve shall remain closed and shall be locked in the closed position by the utility company. The tie-in valve shall remain locked closed until the new system has been cleared for use by the FDEP.
13. If the water main to be flushed is greater than 6" diameter or such length that a 2.5 FPS velocity cannot be accomplished by flow through the temporary jumper, the following procedure shall be utilized:
 - a. Install pressure gauges as indicated on Temporary Jumper Detail (W-13).
 - b. Open all downstream valves in the new system prior to flush.
 - c. IRCDUS personnel in the presence of the Engineer of Record shall operate tie-in valve to insure that the required upstream pressure is maintained.
 - d. Flush new water main thru tie-in valve maintaining a minimum 20 PSI pressure in the upstream main.
14. The jumper connection shall be maintained until after the filling, flushing, testing and disinfection of the new main has been successfully completed and clearance for use from the Florida Department of Environmental Protection (FDEP) and other pertinent agencies has been received. Adequate restraints shall be provided, as required.
15. Upon receipt of clearance for use by FDEP, the Contractor shall remove the temporary jumper connection. The corporation stops are to be closed and plugged with 2" brass or PVC plugs.

-ART-

INDIAN RIVER COUNTY
DEPARTMENT OF
UTILITY SERVICES



TEMPORARY JUMPER
DETAIL NOTES
(CONTINUED FROM W-13)

MARCH 2018

DRAWING
NO.

W-14