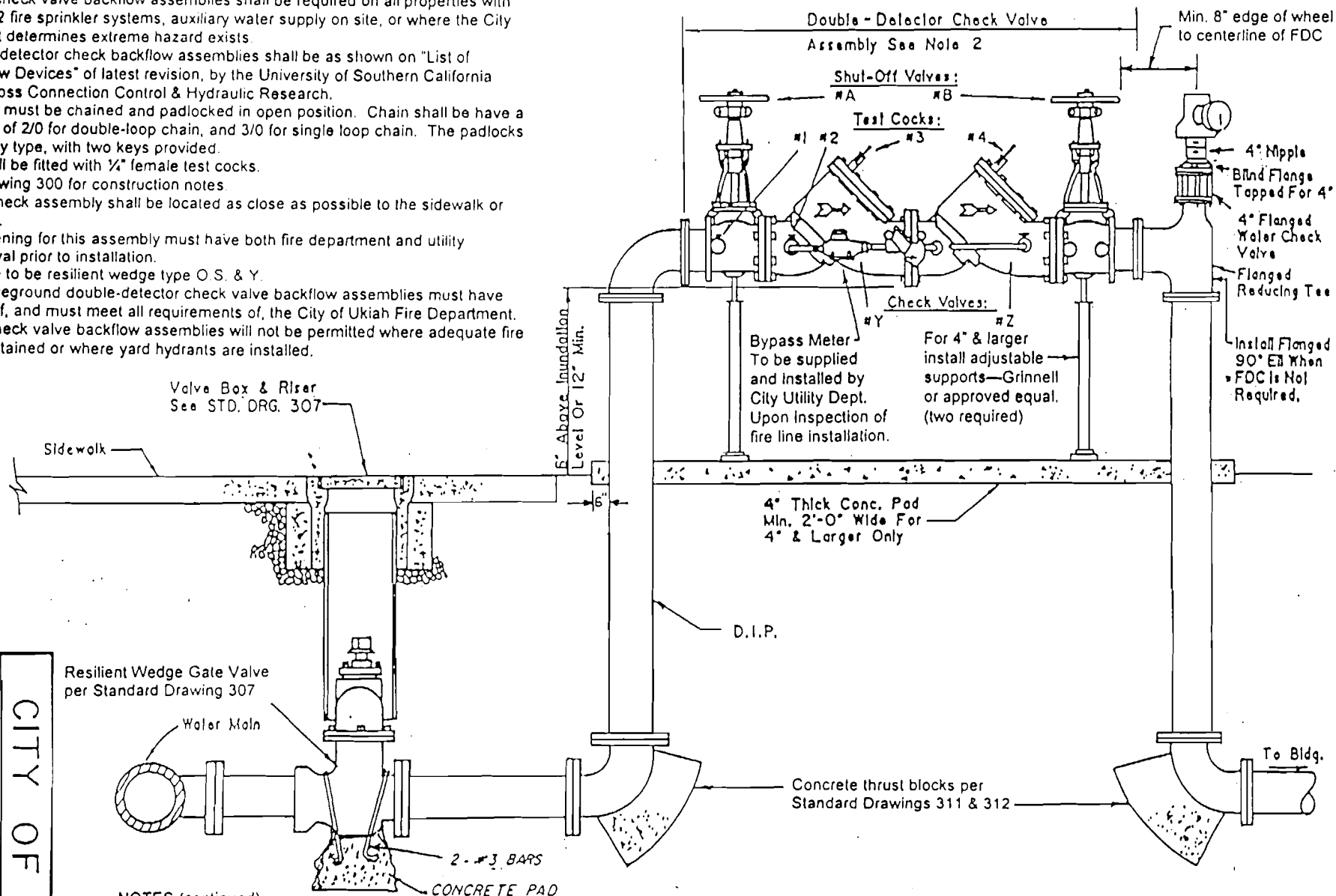


NOTES

1. Double-detector check valve backflow assemblies shall be required on all properties with Class 1 or Class 2 fire sprinkler systems, auxiliary water supply on site, or where the City Utility Department determines extreme hazard exists.
2. Approved double-detector check backflow assemblies shall be as shown on "List of Approved Backflow Devices" of latest revision, by the University of Southern California Foundation for Cross Connection Control & Hydraulic Research.
3. All resilient valves must be chained and padlocked in open position. Chain shall be have a minimum link size of 2/0 for double-loop chain, and 3/0 for single loop chain. The padlocks shall be breakaway type, with two keys provided.
4. All test valves shall be fitted with 1/4" female test cocks.
5. See Standard Drawing 300 for construction notes.
6. Double detector check assembly shall be located as close as possible to the sidewalk or public right-of-way.
7. Any cover or screening for this assembly must have both fire department and utility department approval prior to installation.
8. Shut-off valves are to be resilient wedge type O.S. & Y.
9. Installation of aboveground double-detector check valve backflow assemblies must have specific approval of, and must meet all requirements of, the City of Ukiah Fire Department.
10. Double-detector check valve backflow assemblies will not be permitted where adequate fire flows cannot be obtained or where yard hydrants are installed.



NOTES (continued)

11. Double-detector check valve backflow assemblies shall be of the same size as the fire line except that where a 12" fire line is required, a 10" valve assembly may be installed.
12. Main O.S. & Y. control valves shall be provided with tamper switches connected to a central monitoring station unless otherwise approved by the Fire Department.
13. Fire Department Connections (FDC) shall be 90° siamese connection 4" x 2-1/2" x 2-1/2" female National Hose Thread swivels and provided with metal caps only.
14. Height of FDC above grade shall be 18" minimum and 48" maximum.
15. Enclosures, bollards and freeze protection may be required by the Fire Department for these installations.

CITY OF UKIAH

TYPICAL INSTALLATION OF
4, 6, 8 & 10" DOUBLE
DETECTOR CHECK
FIRE LINE BACKFLOW ASSY

SCALE: None

DATE: 2/1/00

DRWING NO.

315

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