



WILKINS MODEL 450DA DOUBLE CHECK
DETECTOR ASSEMBLY

FLANGED GATE VALVE
WITH RISING STEM AND
RESILIENT SEAT (TYP)

VEHICULAR GUARD POST (TYP)

8" FLANGED WYE STRAINER

INSTALL INLINE GATE VALVE
AT PROPERTY LINE OR
RIGHT-OF-WAY LINE

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RIGHT-OF-WAY LINE

CONCRETE FOUNDATION (TYP)
4' WIDE x 5' LONG, 6" THICK;
REINFORCED 6 x 6 10/10 WELDED
WIRE MESH

4" L 6"
ABOVE SLAB

FLOW

WILKINS VALVE SETTER

NOTES:

1. ALL ABOVE GROUND PIPE WILL HAVE FLANGED END DUCTILE IRON PIPE, PRESSURE CLASS 350. ALL NUTS AND BOLTS SHALL BE STAINLESS STEEL.
2. (4) VEHICULAR GUARD POSTS TO BE INSTALLED AROUND METER. CONFIGURATION TO BE ILLUSTRATED ON CONSTRUCTION DOCUMENTS SUBMITTED FOR REVIEW AND APPROVAL.
3. CONNECTIONS REFER TO ANY OUTLET PERMITTING ACCESS TO INTERNAL FIRE SYSTEM (HYDRANTS, ETC).
4. AS THIS UNIT WILL REQUIRE PERIODIC TESTING, FACILITIES REQUIRING CONTINUOUS WATER SERVICE MAY WISH TO INSTALL PARALLEL UNITS TO PREVENT SERVICE INTERRUPTIONS.
5. ASSEMBLY WILL BE OWNED AND MAINTAINED BY PROPERTY OWNER, STARTING AFTER THE INLINE GATE VALVE AT THE PROPERTY LINE OR RIGHT-OF WAY LINE.
6. BACKFLOW DEVICE REQUIRES INITIAL CERTIFICATION BY AN APPROVED CERTIFIED TESTER WITH RESULTS AND ANNUAL TEST RESULTS SUBMITTED TO THE COUNTY WATER DEPARTMENT.
7. ALL PLANTING SHALL BE A MINIMUM OF 3' FROM THE EDGE OF SLAB, AND SHALL PROVIDE A 3' ACCESS OPENING.
8. ALL ABOVE GROUND PIPING INCLUDING ASSEMBLY SHALL BE PAINTED RUSTOLEUM FEDERAL SAFETY RED.
9. ALL COMPONENTS THAT COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NSF STANDARD 61.
10. PROVIDE 3/4" BYPASS WITH FLOW METER.

**4" THROUGH 10" ONLY COMPACT FIRE SYSTEM DETECTOR
CHECK ASSEMBLY DETAIL WITH
NO CONNECTIONS PERMITTED DOWNSTREAM (WILKINS)**
NTS

W-11A

REVISED: APRIL 2006