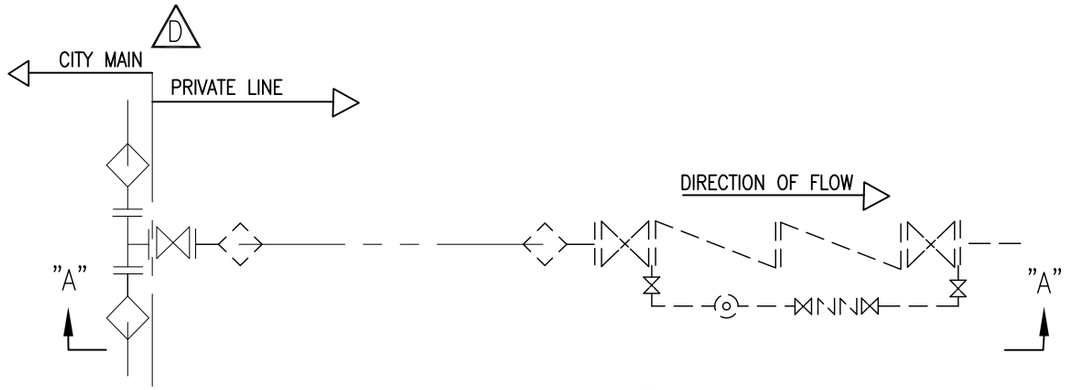
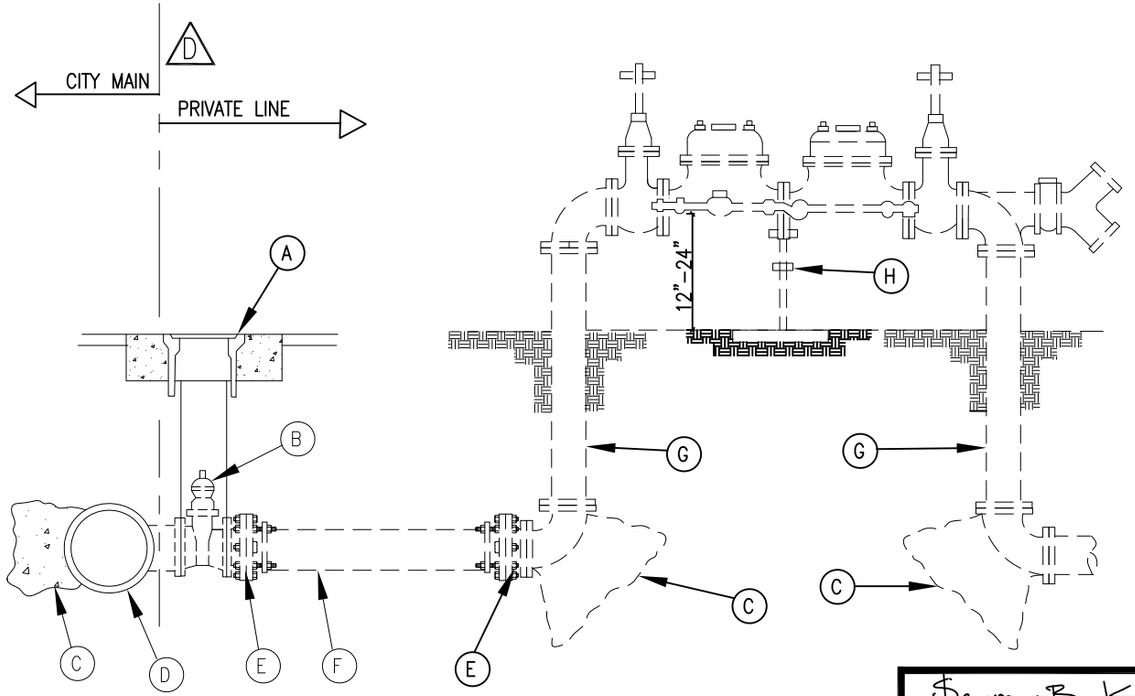


PLAN



SECTION "A"-"A"

E GENERAL NOTES

1. All backflow prevention assemblies shall be in accordance with Section 7601 of Title 17 of the California Code of Regulations.
2. Developer shall install an approved Double Check – Detector Check Backflow Prevention Assembly (DCDA) on fire sprinkler systems.
3. All backflow prevention assembly installations – including spatial requirements and assembly orientation – shall be performed according to the Foundation of Cross Connection Control and Hydraulic Research of USC as established in the Manual of Cross-Connection Control – Specifications of Backflow Prevention Assemblies, Tenth Edition, or any successor edition.
4. The DCDA shall be a specially designed assembly composed of a line-size approved double check valve assembly with a bypass containing a specific water meter and an approved double check valve assembly.
5. Backflow prevention assembly location must be clearly indicated on plans and shall be installed above ground with 12 to 24 inches clearance unless otherwise approved by City Engineer.
6. Assembly must be accessible for testing, maintenance, and meter reading.
7. Meter shall be brass construction throughout and shall read cubic feet.

E LEGEND

A) Valve Box & Riser per City Std. Drwg.
B) F X F Resilient-Seated Gate Valve.
C) Thrust Block per City Std. Drwg.
D) F X F X F Tee. D
E) PVC Adaptor (F & MJ)
F) PVC Pipe.
G) Spools shall be ductile iron and have threaded flanges.
H) Min. 1 adjustable support with min. 18"x24"x4" concrete building pad. All exposed metal shall be galvanized.

Steven B Kahn
STEVE KAHN ::: PUBLIC WORKS DIRECTOR/CITY ENGINEER R.C.E. 42350

REVISIONS		BY	APP	DATE
D	UTILITY DEPT. REVISIONS	CjP		11/12
E	UTILITY DEPT. REVISIONS	CjP		10/17

City of Santa Maria
Standard Drawing

DESCRIPTION:
FIRE SERVICE BACKFLOW PREVENTION ASSEMBLIES 4" AND LARGER

STANDARD NUMBER
WA-27E

DRAWN BY: M.K.	DATE DRAWN: 10/92		SCALE: NONE	SHEET 1 OF 1