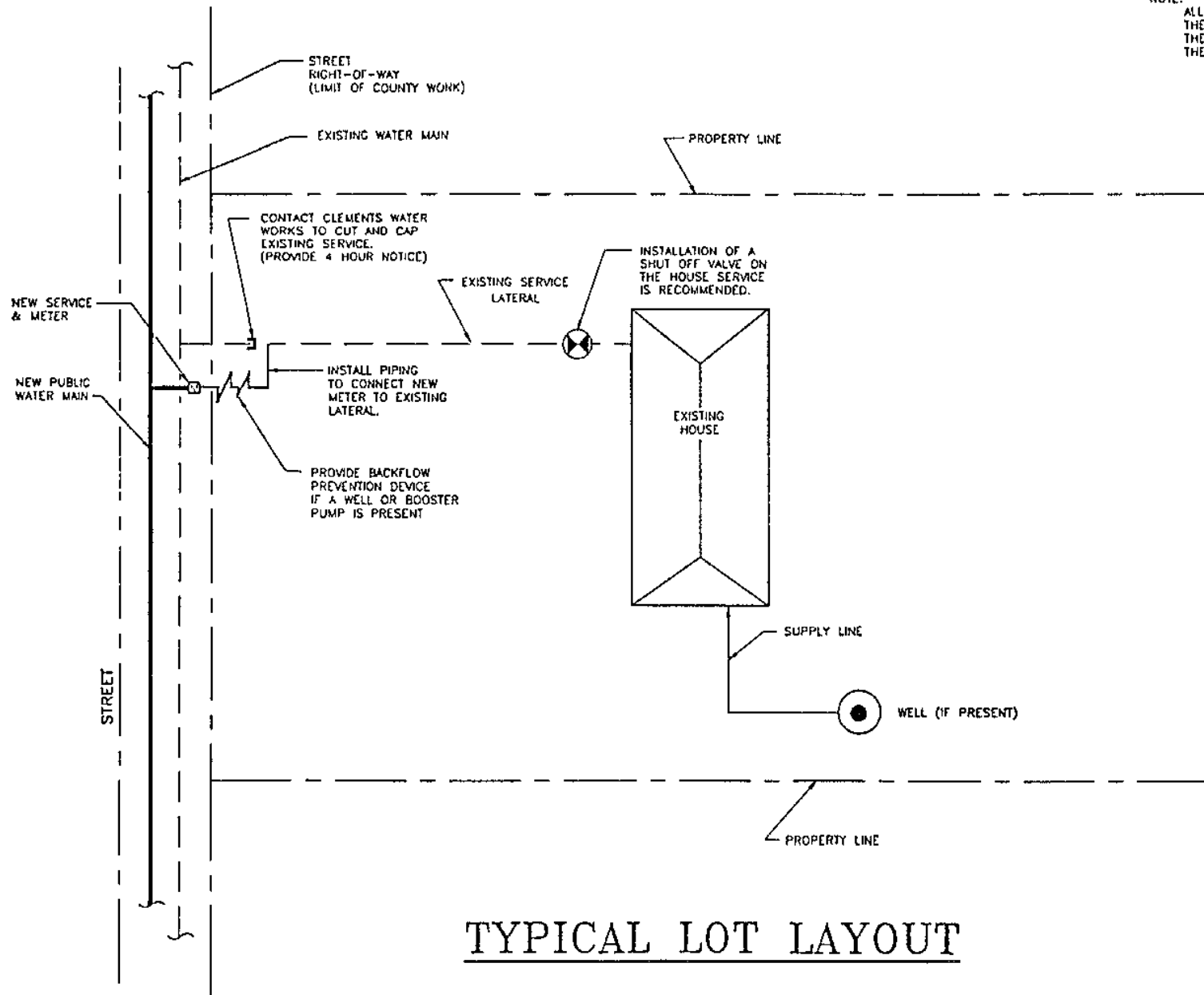


NOTE:
ALL WORK OUTSIDE OF
THE RIGHT-OF-WAY IS
THE RESPONSIBILITY OF
THE PROPERTY OWNER.



October 11, 1990

CERTIFIED TO CHECK BACKFLOW PREVENTION DEVICES

Ruiz, Ralph
City of Stockton
Stockton, CA
(209) 944-8429 or 477-7804

Messersmith, Roger
Calaveras County Water
San Andreas, CA
(209) 754-3543

Hrovat, Bill
Lodi, CA
(209) 367-1914

Winkler, Harleigh
Calaveras County Water
San Andreas, CA
(209) 754-3543

Beck, Robert
410 Erma St.
Stockton, CA
(209) 951-5107

Swanson, Ray
1010 Calder Court
Modesto, CA
(209) 524-0191

Stead Backflow Prevention Services
Pine Grove, CA
(209) 296-4629

October 11, 1990

LICENSED WELL DRILLING CONTRACTORS

Calwater Drilling Co., Inc.
300 S. Kilroy Rd.
Turlock, CA
(209) 667-7932

A & A Gross Drilling
842 E. Carolina
Woodbridge, CA
(209) 334-4725

Clark Well, Inc., Co.
2024 E. Charter Way
Stockton, CA
(209) 462-7676

Moorman's Water Systems
2120 Wilcox Road
Stockton, CA
(209) 931-3210

Valley Drilling
P.O. Box 42
Galt, CA
(209) 369-2779

LIST OF APPROVED BACKFLOW PREVENTION DEVICES
FROM THE UNIVERSITY OF SOUTH CAROLINA
SCHOOL OF ENGINEERING

<u>Company</u>	<u>Model Number</u>	<u>Approval</u>
Beeco	#10 - 1", 1¼", 2", 3", 4" FRP - ¾", 1"	Full Approval-Paper No. 5 Approval 5 th Edition of Manual (October 11, 1976)
Cal-Val	R-P-2 - ¾", 1", 1¼", 1½"	Approved 4 th and 5 th Edition of Manual
Crane Line	A - 1", 1½", 2", 2½", 3"	Full Approval
Febco	825 - 1½", 2", 2½" 835B - ¾", 1" 1½", 2"	Approved 5 th Edition of Manual Approved 5 th Edition
Neptune	575 - ¾", 1", 1¼", 1½", 2"	Approved 5 th Edition
Orion	80-0059 - ¾" 9-2770 - 1"	Approved 5 th Edition Approved 5 th Edition
Rainbird	RPA-075 - ¾" RPA-100 - 1" RPA-125 - 1¼" RPA-150 - 1½" RPA-200 - 2"	Approved 5 th Edition Approved 5 th Edition Approved 5 th Edition Approved 5 th Edition Approved 5 th Edition
Watts	909HW - ¾", 1", 1¼" 1½", 2"	Approved 5 th Edition

**SERVICE WATER CONNECTIONS
CLEMENTS WATER SYSTEM**

USE OF PLASTIC PIPE: GLUED SYSTEMS:

- I. PVC pipe used for cold water building supply shall have the following markings:
 - A. Manufacturer's name
 - B. ASTM-D1785
 - C. Pipe size
 - D. PVC 1120 or 1220
 - E. Schedule 40
 - F. NSF, seal
 - G. UPC, logo

- II. PVC fittings shall be marked as follows:
 - A. Manufacturer's name
 - B. ASTM-D2464
 - C. PVC 1 or 12
 - D. Schedule 40
 - E. NSF, seal
 - F. UPC, logo

- III. SOLVENT CEMENT (GLUE) AND PRIMERS: Containers for solvent cement and primers shall have the following markings:
 - A. Glue: ASTN-D2564
 NSF, seal
 UPC, logo

 - B. Primers: ASTM-F656
 NSF, seal
 UPC, logo

- IV. SAFETY PRECAUTIONS: Solvent cements and primers are toxic and prolonged breathing of vapors should be avoided. Keep solvent cements away from sources of ignition. Keep containers closed when not in use. Avoid eye contact and prolonged skin contact. Always wear goggles and gloves.

- V. STEPS FOR SUCCESSFUL JOINTS:
 - A. Cut pipe square with handsaw and miter box.
 - B. Ream and chamfer pipe.
 - C. Clean all dirt or grease from pipe and fitting.

- D. Use PRIMER on pipe and fitting.
- E. Apply cement to pipe and fitting, forcefully bottom out pipe in fitting. If possible, give pipe a quarter turn.
- F. Hold the joint until tight.
- G. Do not disturb or pressurize pipe for the following time period and outside temperatures:

60 to 100F	1 hr.
40 to 59F	2 hr.
10 to 39F	8 hr.

- VI. INSTALLATION: PVC piping shall be installed only outside the foundation of any building and shall be buried at least 12” for its entire length with pipe and fittings aligned properly without strain. Shake the pipe in the trench bottom so that there is 6” slack for each 100’ for expansion. Shade backfill the pipe, leaving the joints open for pressure test. VERTICAL PIPING may extend 24” above grade, but shall be protected with a sleeve or protected with 10mil tape wrap. After inspection, back fill with clean earth.
- VII. PROHIBITED FITTINGS: Female PVC screwed fittings to make transitions to metal pipe are prohibited. When it is necessary to adapt from PVC to metallic piping, USE ONLY MALE-THREAD ADAPTERS.

Minimum pipe sizes to be installed:

<u>Distance from Meter to House</u>	<u>Size (inches)</u>
Up to 100 feet	1”
101 to 300 feet	1 ¼”
301 to 600 feet	1 ½”
601 to 1000 feet	2”

NOTE: Increase one size for lawn sprinklers.

CLEMENTS WATER SYSTEM

PERMIT AND INSPECTION PROCEDURE FOR EXISTING BUILDINGS

PERMIT PROCEDURE

To connect to the new water system, the Property Owner will need to obtain a Plumbing Permit from the Building Inspection Division.

Individual booster pumps will no longer be necessary with the new water system and should be removed. The higher system pressure makes them obsolete. Maintaining a booster pump will actually be impractical for the homeowner. Since State Code requirements for booster pumps are the same as for existing wells, an approved backflow prevention device must be installed and maintained on the service lateral at the owner's expense as described in Option 1.

If an existing well is present on the property, the owner has two options: