



Office: (209) 962.7161  
Fire Department: (209) 962.7891  
Email: info@gcsd.org  
www.gcsd.org

18966 Ferretti Road P.O. Box 350 Groveland, CA 95321-0350

Water ▪ Sewer ▪ Parks ▪ Fire Protection

## APPLICATION FOR WATER SERVICE AND METER INSTALLATION

Application for water service must be made on this form. Meter size and installation costs will be determined by District based on projected water use and actual installation costs:

Name \_\_\_\_\_  Owner  Contractor

Billing Address \_\_\_\_\_

Service Address \_\_\_\_\_

Phone \_\_\_\_\_ Unit \_\_\_\_\_ Lot \_\_\_\_\_ Assessor's Parcel No \_\_\_\_\_

Water well on property?  Yes  No Date Service Required: \_\_\_\_\_

Meter Size Requested: ( ) 5/8" X 3/4" ( ) 3/4" X 3/4" ( ) 1" ( ) 1 1/2" ( ) 2" ( ) Other

This application must be accompanied by a **building permit, approved fire sprinkler drawings, and plot plan.**

By signing this application, applicant agrees to observe all District regulations now or hereafter adopted related to water service and to pay water bills promptly. ***The fixed monthly rate and water consumption charges begin at the time the meter is installed.***

Fee: \_\_\_\_\_

Cash \_\_\_\_\_

Check No. \_\_\_\_\_

Install Date \_\_\_\_\_

Service Request No \_\_\_\_\_

\_\_\_\_\_  
Signature of Applicant Date

\_\_\_\_\_  
Signature of Owner Date

\_\_\_\_\_  
GCSD Authorization Date

**WATER SERVICE AND INSTALLATION CHARGES - GCSD ORDINANCE NO. 2-17**

Application for water meter only (there is existing water service to the property). Standard charges for water meter, application fee and participation fee shall be as follows:

Meter Size	Application Fee	Meter Install Charge	Participation Fee	Total	Monthly Fixed Service Charge
5/8" X 3/4"	44.00	250.00	1,827.00	2,121.00	\$57.40
3/4" X 3/4"	44.00	275.00	1,827.00	2,146.00	\$57.40
1" X 1"	44.00	325.00	3,106.00	3,475.00	\$88.53
1 1/2"	44.00	515.00	6,029.00	6,588.00	\$166.36
2"	44.00	645.00	9,684.00	10,373.00	\$259.75

Application for water service tap, meter box and water meter (requires water service tap to property). The minimum charge for any water service tap with box and fittings installed by the District shall be \$400.00 or actual cost, whichever is greater. The typical installation ranges from \$400 to \$1,200.

**FOR GCSD STAFF USE ONLY:**

Meter Size \_\_\_\_\_

Application Fee \_\_\_\_\_

Meter Install Fee \_\_\_\_\_

Participation Fee \_\_\_\_\_

**Total Meter Installation Cost** \_\_\_\_\_

Basic Service Tap Charge \_\_\_\_\_

Service Tube Size (Distance from Main) \_\_\_\_\_

Angle Meter Stop (Type & Size) \_\_\_\_\_

Meter Box and Size \_\_\_\_\_

Road Encroachment and Paving \_\_\_\_\_

Other Costs, specify \_\_\_\_\_

**Total Estimated Costs for Service Tap (Deposit)** \_\_\_\_\_

Authorized: GCSD \_\_\_\_\_ Date \_\_\_\_\_

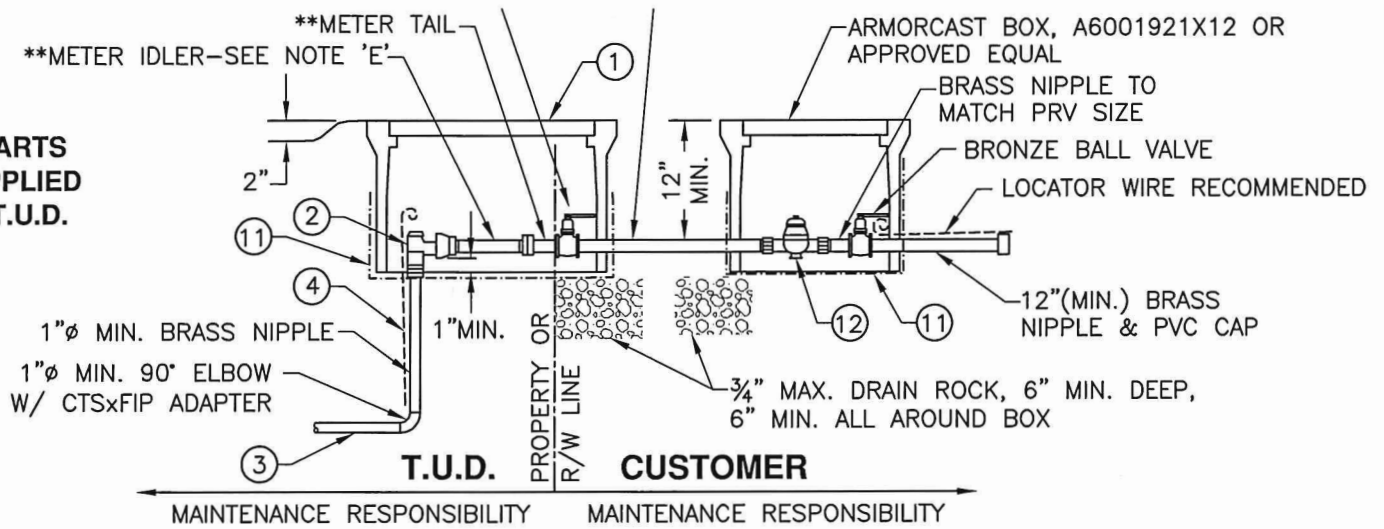
# FIRE SPRINKLER SYSTEMS

All **NEW** construction in California requires Fire Sprinklers be installed. All fire sprinkler systems must be designed by an engineer and approved by the County Fire and Building Departments. The designing engineer will determine the required fire flow (volume of water) needed for the system and specify what size water meter the new connection will need. The District is not involved in determining the meter size or required fire flow.

1. What information does the system designer need?
  - a. Static PSI \_\_\_\_\_
  - b. Size of Main \_\_\_\_\_
  - c. Size of Service Tube \_\_\_\_\_
  - d. Other \_\_\_\_\_
2. Will the system have Anti-Freeze in any portion? YES/NO
3. If no Anti-Freeze in system, will the system be connected to an active plumbing fixture such as a master bath area? If so, please provide plumbing plans detailing connection.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Does the property have a well? YES/NO

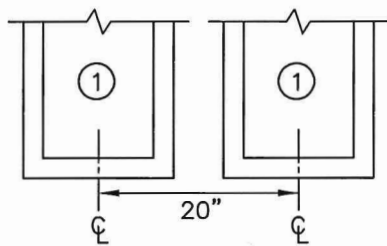
Once any requested information is provided to the system designer they will inform the District on the requested meter size. Please note a Backflow Prevention Device, at an additional cost plus annual testing may be required.

**\*\* PARTS  
SUPPLIED  
BY T.U.D.**

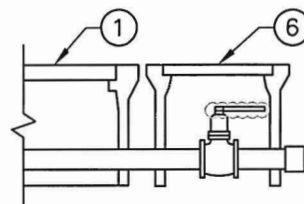


**WATER SERVICE AND PRESSURE-REDUCING VALVE**

***INSTALL SERVICE WITH PRV WHERE CALCULATED STATIC INLET PRESSURE IS 80 PSI OR GREATER.***



**WATER SERVICE BOX SEPARATION**



**2" SERVICE**

VALVE INSTALLED IN G5  
BOX; BOX SUPPLIED  
BY CONTRACTOR

**NOTES**

- A. SERVICES SHALL BE LOCATED OUT OF TRAVELED WAY (INCLUDING SHOULDERS) UNLESS APPROVED BY T.U.D.
- B. SERVICES LOCATED WITHIN THE TRAVELED WAY SHALL HAVE A 6" WIDE (MIN.) BY 15" DEEP CONCRETE COLLAR.
- C. ONE METER PER BOX ONLY.
- D. FOR DOUBLE, TRIPLE, OR QUADRUPLE SERVICE, USE BRASS PIPE FOR MANIFOLD BELOW ANGLE STOPS, SAME SIZE AS SERVICE PIPE.
- E. METERS WILL BE SET BY T.U.D. AFTER APPLICATION IS SIGNED AND FEES ARE PAID.
- F. USE POLYETHYLENE SERVICE TUBING CONTINUOUS FROM MAIN TO ANGLE STOP OR GATE VALVE, 1"Ø FOR SINGLE SERVICE, 1½"Ø FOR DOUBLE SERVICE, AND 2"Ø FOR TRIPLE & QUADRUPLE SERVICE.
- G. SERVICE SADDLES SHALL BE 3 FT. MIN. FROM PIPE FITTINGS, JOINTS AND TAPS.
- H. PER SECTION 64591 OF THE CALIFORNIA WATERWORKS STANDARDS, ALL ITEMS IN CONTACT WITH POTABLE WATER SHALL BE CERTIFIED AS MEETING THE SPECIFICATIONS OF NSF61-2005.
- I. CONTRACTOR SHALL BE RESPONSIBLE TO PRESSURE TEST ALL PIPE, VALVES & FITTINGS UP TO THE ANGLE STOP.

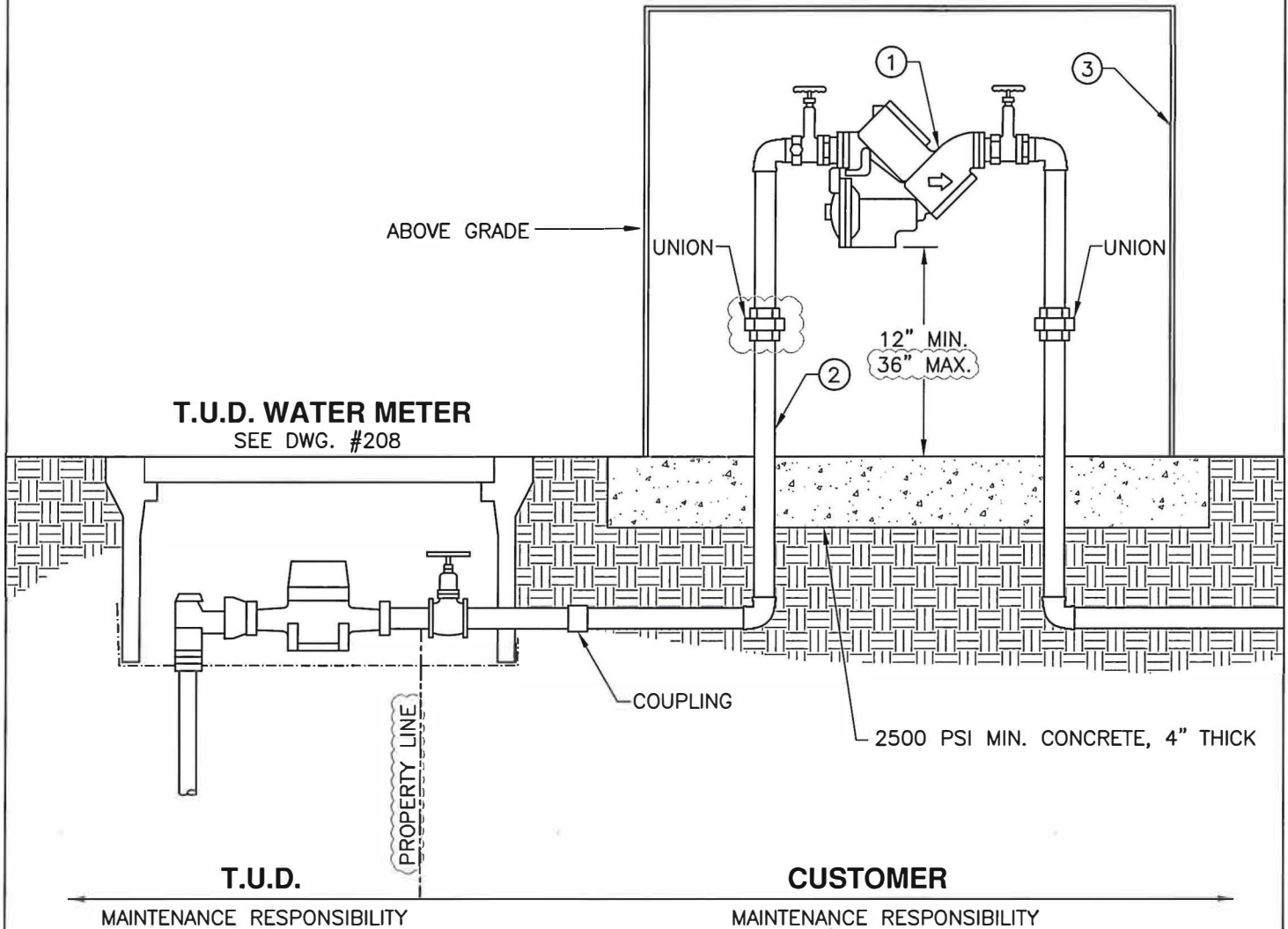
ITEM	DESCRIPTION	REMARKS
①	¾" OR 1" METER: ARMORCAST-ROTOCAST BOX P6000492X12 W/ARMORCAST LID #A6000489T-CVTY 1½" OR 2" METER: ARMORCAST-ROTOCAST BOX P6001534TX12 W/ARMORCAST LID #A6000947T-CVTY	
②	LOCKABLE ANGLE STOP FOR ¾" OR 1" METER: LOCKABLE ANGLE STOP FOR 1½" OR 2" METER:	FORD BA13-444W-NL FORD BFA13-666W-NL OR BFA13-777W-NL
③	POLYETHYLENE SERVICE TUBING,"CTS" 200 PSI MIN.	CENTENNIAL CENFLOW, OR APPROVED EQUAL, SEE NOTE 'F'
④	#12 AWG INSULATED LOCATOR WIRE	SINGLE STRAND COPPER, SEE DWG. #102
⑤	SERVICE SADDLE, MATCH TUBING SIZE, NOTE 'F'	FORD FCD202, JCM404 OR APPROVED EQUAL
⑥	TRAFFIC VALVE BOX MARKED "WATER"	CHRISTY G5 BOX W/G5C LID OR APPROVED EQUAL
⑦	2" RESILIENT WEDGE GATE VALVE, EPOXY COATED	AMERICAN AVK45 OR APPROVED EQUAL (2" SERVICE)
⑧	2" MIP x CTS ADAPTER (BRASS)	MULTIPLE SERVICES ONLY
⑨	CORPORATION STOP, 1"Ø MIN. MATCH TUBING SIZE (MALExMALE)	1" SERVICE: FORD FB500-4-NL OR APPROVED EQUAL 1.5" SERVICE: FORD FB500-6-NL OR APPROVED EQUAL
⑩	FEMALExCTS PACK JOINT COUPLING	1" SERVICE: FORD C14-44 OR APPROVED EQUAL 1.5" SERVICE: FORD C14-66 OR APPROVED EQUAL
⑪	¼" HARDWARE CLOTH (GALV.)	MUST COVER ALL ACCESS HOLES
⑫	PRV W/DOUBLE UNION, SIZE TO MATCH METER, 1" MIN.	1" PRV: WATTS #LFX65BDU OR EQUAL 1.5" OR 2" PRV: WATTS #LFX65BDU OR EQUAL

**USE THIS DETAIL FOR T.U.D. PROJECTS WITH EXISTING RESIDENCES**

COMMON REDUCED-PRESSURE BACKFLOW DEVICES  
(MUST BE CERTIFIED LEAD FREE):

FBCO-825Y  
WATTS-LF009 SERIES  
WILKINS-975XL

**REDUCED-PRESSURE BACKFLOW DEVICE**



**NOTES**

- A. REDUCED-PRESSURE BACKFLOW ASSEMBLY SHALL BE LOCATED AS CLOSE AS POSSIBLE TO THE T.U.D. WATER METER WITH NO TEES OR CONNECTIONS BETWEEN THEM.
- B. FITTINGS, JOINTS, BOLTS AND NUTS ARE TO BE COVERED WITH PLASTIC SHEETING (4 MIL THICK MIN.) OR 10 MIL. TAPE PRIOR TO PLACEMENT OF CONCRETE. NO CONCRETE TO BE ALLOWED ON BOLTS OR PIPE.
- C. WRAP ALL UNDERGROUND GALVANIZED PIPE WITH 10 MIL. TAPE.
- D. IF SOLID ENCLOSURE IS USED, MAINTAIN 12" MIN. CLEARANCE AROUND TEST-COCKS.

ITEM	QTY	DESCRIPTION	REMARKS
①	1	REDUCED-PRESSURE BACKFLOW PREVENTION ASSEMBLY	BRAND/MODEL PER STATE WATER BOARD SPECIFICATIONS
②	1	BRASS OR GALVANIZED IRON PIPE	SIZE VARIES, SEE NOTE 'C'
③	1	INSULATED PROTECTIVE ENCLOSURE	WEATHERGUARD BLANKET OR EQUAL, SEE NOTE 'D'

REV. 01-22-18  
STD. DWG. NO.

**REDUCED-PRESSURE BACKFLOW PREVENTION ASSEMBLY**

**217**