

SEVIER COUNTY WATER ASSOCIATION  
RESIDENTIAL DIAGRAM

METER BOX

1" X 3/4" THREADED BUSHING SCHED. 40 PVC OR BRASS

6" OR 8" ROUND VALVE BOX (INSTALLED WITHIN 1 FT OF METER BOX)

1" BRASS OR SCH. 40 PVC BALL OR GATE VALVE ( 1 FT OF METER BOX)

1" BRASS OR SCH. 80 PVC NIPPLE

1" FEMALE THREADED SCH 40 PVC FITTING

1" SCH 40 PVC PIPE

SCH 40 PVC BUSHING REDUCER 1" TO 3/4 " FEMALE THREADED

3/4" BRASS OR SCH 80 PVC NIPPLE

3/4 BRASS OR SCH 40 PVC BALL OR GATE VALVE (INSTALL WITHIN 3 FT OF HOUSE)

3/4" BRASS OR SCH 80 PVC NIPPLE

3/4" BRASS PRESSURE REGULATOR VALVE (INSTALL WITHIN 3 FT OF HOUSE)

3/4" PLUG

12" APPROVED RECTANGULAR BOX WITH LID INSTALL WITHIN 3 FT FROM HOUSE

HOUSE

2 FT PHYSICAL DISCONNECTION FROM WELL IS REQUIRED

TO ACTIVATE WATER SERVICE  
SEVIER COUNTY WATER ASSOCIATION  
RESIDENTIAL

THIS PROCEDURE IS DESIGNED TO TAKE YOU STEP BY STEP THROUGH THE PROCESS OF INSTALLING YOUR WATER LINES TO YOUR HOUSE FROM THE METER BOX.

STEP 1. EXCAVATE DOWN IN FRONT OF THE METER BOX APPROXIMATELY 18 INCHES TO GRAY SCHEDULE 80 PVC PIPE WITH CAP. REMOVE GRAY PIPE, CHECK FOR CRACKS OR DAMAGE TO THE THREADS. REMOVE CAP.

STEP 2. CONNECT TO THE FIP ADAPTER OR METER LOOP WITH A 3/4 " BRASS OR SCH 80 PVC NIPPLE. IF THREADS ARE DIRTY, CLEAN WELL BEFORE PROCEEDING. USE FLEX TAPE OR RECTOR SEAL TO GET A TIGHT LEAK FREE SEAL ON ALL CONNECTIONS. INSTALL 1" X 3/4 " THREADED BUSHING SCHED 40 PVC OR BRASS.

STEP 3. CONNECT TO THE OTHER END OF THE NIPPLE WITH A 1" HAND WHEEL OPERATED BRASS OR SCH 40 PVC GATE VALVE OR BAL VALVE. (A VALVE IS REQUIRED)

STEP 4. CONNECT TO THE VALVE WITH ANOTHER 1" X 3" BRASS OR SCHEDULE 80 PVC NIPPLE.

STEP 5. INSTALL THREADED FEMALE SCHED 40 PVC 1" COUPLING ONTO THE NIPPLE.

STEP 6. INSTALL YOUR SERVICE LINE WITHIN 3 FT OF RESIDENCE AT 18" DEEP. (MINIMUM)

STEP 7. REDUCE 1" LINE WITH PVC SCH 40 TO 3/4 " THREADED

STEP 8. INSTALL 3/4" BRASS OR SCH 80 PVC NIPPLE

STEP 9. INSTALL 3/4 " BRASS PRESSURE REGULATING VALVE. (THE REGULATOR IS REQUIRED)

STEP 10. INSTALL 3/4 " BRASS OR SCH 80 PVC NIPPLE

STEP 11. INSTALL 3/4 " BRASS OR SCH 40 PVC BALL OR GATE VALVE. CAP VALVE OFF AT THIS TIME.

A 2 FT (24") DISCONNECTION IS REQUIRED)HOWEVER, DO NOT DISCONNECT RESIDENCE FROM WELL AT THIS TIME.

STEP 12. INSTALL A 12' RECTANGULAR BOX WITH A REMOVOABLE LID AT REGULATOR AND AT CUT OFF VALVE AT RESIDENCE. INSTALL AN 8" ROUND BOX WITH LID 1 FT FROM METER BOX TO COVER CUT OFF VALVE. (PLASTIC, METAL FIBERGLASS OR CONCRETE IS ACCEPTABLE FOR BOXES.)

#### NOTES

DO NOT USE ANY GALVANIZED OR POLYBUTELENE FITTINGS OR PIPE ANYWHERE IN THE LINES YOU INSTALL. IT WILL NOT BE APPROVED BY THE PLUMBING INSPECTOR. IT IS RECOMMENDED THAT YOU REMOVE ANY EXISTING GALVANIZED OR POLYBUTELENE PIPING OR FITTINGS.(NOT REQUIRED)

INSTALL THE MINIMUM OF 1" SCH EDULE 40 PVC PIPING. THE INSPECTOR MUST BE ABLE TO SEE THE CONNECTION POINTS AT THE METER BOX AND AT THE HOUSE OR EXISTING WELL SITE.

DO NOT COVER THESE UP UNTIL THEY HAVE BEEN APPROVED. YOU MAY COVER UP YOUR SERVICE PIPE BUT LEAVE IT EXPOSED IN SEVERAL LOCATIONS ALONG THE LINE. MAKE THESE LOCATIONS EVERY 20 FT. SO THE INSPECTOR CAN VERIFY YOU HAVE USED THE CORRECT PIPING ALL THE WAY FROM THE METER BOX TO THE CONNECTION POINT AT THE RESIDENCE.

ABSOLUTELY NO DEVICES SHOULD BE USED TO CREATE A CROSS CONNECTION.

THIS WILL BE ENFORCED.(VIOLATION OF ARKANSAS DEPT OF HEALTH).

MAKE SURE YOU HAVE COMPLETED ALL STEPS AND  
CONTACT SEVIER COUNTY WATER ASSOC. TO SCHEDULE  
A PLUMBING INSPECTION. CALL THIS # 870-642-5289 FOR  
INSPECTION WHEN COMPLETED LINES.