

Sewer Requirements

Backwater valves are required for all Grinder Pump Systems

Backwater valves are required on Gravity Systems where the plumbing fixtures are below the level of the first upstream manhole.

Backwater valves located inside and outside shall be readily accessible for servicing.

Backwater valves shall be installed on the building drain pipe that receives flow only from fixtures that are subject to backflow, not from fixtures on upper floors, that are not subject to backflow.

No floor drains are allowed on public sewer.

Open sight drains in basements and crawlspaces require a PVC check valve.

Fernco fitting used underground will require a shear band.

No sump or storm water shall be discharged into the sewer.

Sewer shall have a clean out at the foundation and every 75' on a straight run.

Sewer clean outs that are located in traffic area shall have a "Lamp Pole" frame and cover to protect from vehicle damaging clean out.

Sewer shall be backfilled with approved material.

Water Service Requirements

Pipe is to be 36" deep minimum

Pipe size to be 3/4" if have 1 1/2 bathrooms or less. Pipe size to be 1" if have 2 or more bathrooms.

Polyethylene pipe shall be rated 200 psi minimum

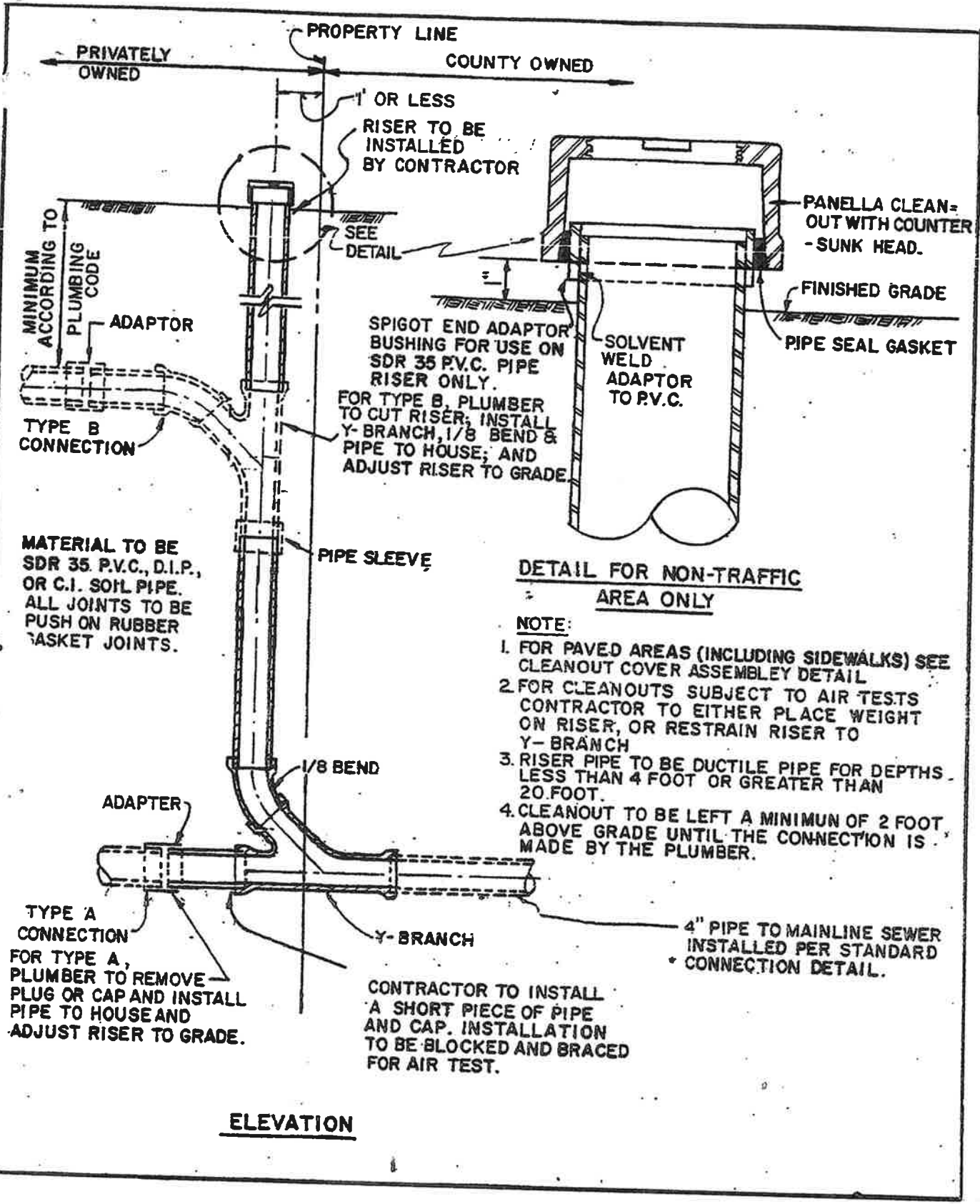
Water Service pipe shall be sleeved for 5' when entering a foundation wall.

Water Service and Sewer shall be separated by 12" minimum, all around. If this cannot be done than water service will need to be sleeved until 7' from sewer.

An Expansion Tank for water heater is required on all public water supply.

There can be no physical connection between public and private well water

Water Service shall be backfilled with approved material.



PROPERTY LINE
 PRIVATELY OWNED ← COUNTY OWNED →

1' OR LESS
 RISER TO BE
 INSTALLED
 BY CONTRACTOR

MINIMUM
 ACCORDING TO
 PLUMBING
 CODE
 ADAPTOR

TYPE B
 CONNECTION

MATERIAL TO BE
 SDR 35 P.V.C., D.I.P.,
 OR C.I. SOIL PIPE.
 ALL JOINTS TO BE
 PUSH ON RUBBER
 GASKET JOINTS.

PIPE SLEEVE

1/8 BEND

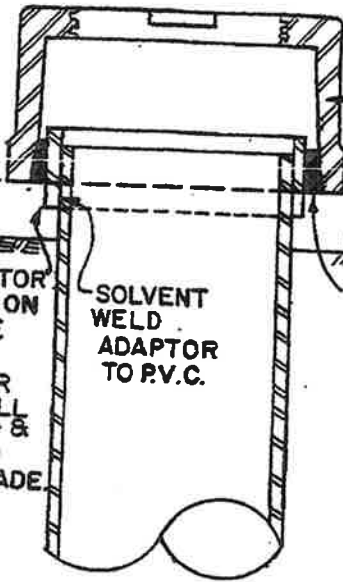
ADAPTER

TYPE A
 CONNECTION
 FOR TYPE A,
 PLUMBER TO REMOVE
 PLUG OR CAP AND INSTALL
 PIPE TO HOUSE AND
 ADJUST RISER TO GRADE.

Y-BRANCH

CONTRACTOR TO INSTALL
 A SHORT PIECE OF PIPE
 AND CAP. INSTALLATION
 TO BE BLOCKED AND BRACED
 FOR AIR TEST.

4" PIPE TO MAINLINE SEWER
 INSTALLED PER STANDARD
 CONNECTION DETAIL.



PANELLA CLEAN-
 OUT WITH COUNTER-
 SUNK HEAD.

FINISHED GRADE

PIPE SEAL GASKET

SOLVENT
 WELD
 ADAPTOR
 TO P.V.C.

SEE
 DETAIL

SPIGOT END ADAPTOR
 BUSHING FOR USE ON
 SDR 35 P.V.C. PIPE
 RISER ONLY.

FOR TYPE B, PLUMBER
 TO CUT RISER; INSTALL
 Y-BRANCH, 1/8 BEND &
 PIPE TO HOUSE; AND
 ADJUST RISER TO GRADE

DETAIL FOR NON-TRAFFIC
 AREA ONLY

NOTE:

1. FOR PAVED AREAS (INCLUDING SIDEWALKS) SEE CLEANOUT COVER ASSEMBLY DETAIL
2. FOR CLEANOUTS SUBJECT TO AIR TESTS CONTRACTOR TO EITHER PLACE WEIGHT ON RISER, OR RESTRAIN RISER TO Y-BRANCH
3. RISER PIPE TO BE DUCTILE PIPE FOR DEPTHS LESS THAN 4 FOOT OR GREATER THAN 20 FOOT.
4. CLEANOUT TO BE LEFT A MINIMUM OF 2 FOOT ABOVE GRADE UNTIL THE CONNECTION IS MADE BY THE PLUMBER.

ELEVATION