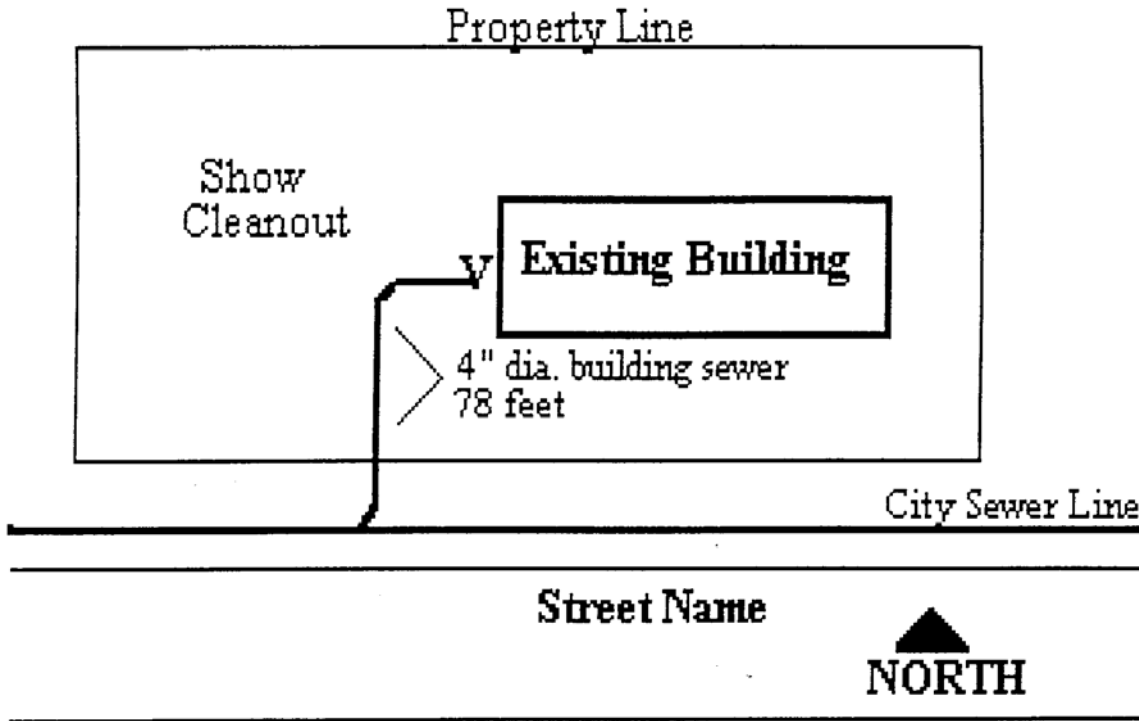


1. Show property lines, approximate location of existing building and adjacent streets.
2. Show location of proposed sewer lateral. Indicate approximate length and changes in direction.
3. Indicate size of the proposed sewer lateral (3" diameter OR 4" diameter.)
*****A 4" diameter is recommended.**
****A 3" diameter sewer lateral may not serve more than 3 water closets or 35 fixture units.*
4. Indicate locations of cleanouts.

EXAMPLE



PLUMBING FIXTURE UNIT (F.U.)

FIXTURE UNIT COUNT NOT REQUIRED FOR 4" DIAMETER LINES

Bathtub / Shower	2 F.U.	Laundry Sink	2 F.U.
Clothes Washer	2	Kitchen Sink	2
Bar Sink	1	Lavatories	1
Water Closets	4		



WASTEWATER PERMITS

For Sewer Lateral Installations for Existing Buildings

City of Sedona

This pamphlet outlines the typical information needed to obtain a wastewater permit for sewer lateral installations for existing buildings. For further information, contact **Public Works, 102 Roadrunner Drive, Sedona, Arizona 86336, 928-204-7111.**

PLAN REVIEW APPLICATION

The Plan Review Application provides information about your project. This information is necessary for permit review and approval.

Complete the application, sign and pay the applicable capacity fee.

Please type or print clearly.

Provide Site Plan on attached sheet.

Permit Fee: \$30.00

INSPECTION SEQUENCE:

- 1) Proper installation of lateral and pressure test.
- 2) Connection - house and street.
- 3) Abandonment of septic.

INSTALLATION REQUIREMENTS:

IT IS RECOMMENDED THAT A LICENSED PLUMBER MAKE THE INSTALLATION AND CONNECTIONS. COMMERCIAL INSTALLERS MUST HAVE PROPER LICENSES TO DO THIS WORK. PLEASE CHECK YOUR INSTALLERS QUALIFICATIONS. PROPERTY OWNERS MAY PERFORM THEIR OWN INSTALLATION ON THEIR OWN PROPERTY WITH APPROPRIATE INSPECTIONS.

Trenching, Excavation and Backfill:

Barricade all open trenches until after they are completely backfilled. Excavations shall be completely backfilled as soon as practical after testing and inspection. Excavations in excess of 4 feet deep shall be shored or equally protected in accordance with OSHA regulations.

Contractor must provide proper safety equipment. Installer may be required to expose any work backfilled if work is done prior to inspections.

Clean bedding material and backfill shall be compacted to at least 12 inches above the pipe. Provide minimum 90% compaction in yard areas and at least 95% in traffic areas. Care should be taken to not collapse pipe when backfilling and compacting.

Piping Material and Installation:

ABS or PVC Schedule 40 DWV, SDR 35, or other approved pipe and fittings shall be clearly identified. Based upon a 1/4" per foot slope, a 3" diameter line may serve no more than 3 water closets or 35 fixture units.

Install pipe on firm bedding with a uniform slope and alignment for its entire length. Provide a minimum 12 inches of cover with a minimum 1/4" per foot slope. A 1/8" per foot slope for 4" diameter sewer lines must be approved by the Inspector prior to installation.

Utility Separations:

Provide a minimum 6 foot horizontal separation between the sewer and water lines. Where the 10 foot separation is impractical, the top of the sewer line must be installed at least 12 inches below and to one side of the water line.

Provide a minimum 2 foot separation between the sewer line and underground electric service conduits. Check with APS for requirements when services cross.

Cleanouts:

Provide a two-way cleanout at the upper end of the sewer line near the building.

Provide additional cleanouts each 100 feet of line and each aggregate change in direction of 135 degrees.

All cleanouts must extend to grade. Provide minimum 2-1/2" diameter cleanouts for 3 inch lines; 3-1/2" diameter for 4 inch lines.

Septic Tank Abandonment:

Must be pumped out, lid collapsed, filled in with clean material and compacted.

For final inspection, tank must be collapsed and/or partially filled in; or if filling with slurry, leave an area open for inspection. Have driver (who pumped septic), sign off on permit or attach proof of pumping to permit and leave on property for Inspector to see.

REQUIRED INSPECTION AND TEST:

After installation but prior to backfilling, cap or plug the end of the line at its connection with the City sewer and:

- 1) Fill with water to the top of the highest cleanout, or stem wall, OR
- 2) Provide a minimum 3.5 psi air test (120 Sec. per 100 linear feet)
- 3) Grinder pump and lift pump lines will be tested @ 1.5 times the working pressure or 100 psi whichever is greater. Alarms will also be tested.

CALL 204-7111 OR 203-5030 AT LEAST 24 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION.

REQUEST INSPECTIONS BY **PERMIT NUMBER AND ADDRESS** AND HAVE THE **JOB CARD POSTED** ON-SITE.

NOTE: ALL APPLICABLE PAPERWORK **MUST BE KEPT ON-SITE.** FAILURE TO COMPLY WITH REQUIREMENTS MAY POSTPONE INSPECTION FOR AN ADDITIONAL 24 HOURS.

NOTE: AS-BUILTS WILL BE REQUIRED PRIOR TO FINAL CONNECTIONS TO THE CITY SEWER.