



At the Heart of Community

# Sewer/Water Service Line Repair



## BEFORE Completing the Application

- \*Contact Public Works and Building & Zoning at 847-540-1696 to obtain information specifically related to water/sewer repair for that site.
- \*Call J.U.L.I.E. (800-892-0123) a minimum of 72 hours before digging.

## What to Submit

- \*Completed application.
- \*The submittal for the water service repair permit is required to indicate the minimum separation between the sewer and water service lines, materials for repair and that all work related to the repair of the Village water main and the repair of the water service line be performed by an Illinois Licensed Plumbing Contractor.
- \*Sewer service line repairs within 15' - 0 of the home/building require a licensed plumber to perform the repairs.

## Inspections

- \*Inspections are scheduled for A.M. or P.M. Monday through Friday with 24 hours advance notice at 847-540-1696. Call before 3:00 P.M. the day before you want your inspection. Same day re-inspections are not available.
- \*On-site inspection by Illinois licensed plumbing inspector to observe capping off of water and sewer lines prior to backfill.
- \*Final inspection.

## Note:

- \*Sewer service lines which shear-off within 24" of foundation wall shall be replaced through the wall.
- \*All through wall sewer water or gas piping shall be sleeved as Illinois plumbing code 890. 180c) and d) requires. ***See all additionally required items on attached illustration.***
- \*Sleeves shall be solidly grouted/cemented into wall.
- \*Sewer shall not be cemented into sleeve.
- \*Annular space around sewer within sleeve shall be filled with oakum tightly packed and secured in place with either 2" compacted lead wool, cold tar, link seal or fernco coupling if sleeve extends min. 2" into building.

## Costs

- \$83.00 Permit Fee
- \$70.00 Inspection Fee
- \$35.00 Admin Fee

## PLUS

- \*Water/Sewer connection fees as calculated by Public Works Utilities Division per ordinance.
- \*Sewer connection fees as calculated by Lake County, provided by the Engineering Division.
- \*Street/Parkway opening deposit as determined by Engineering Division.
- \*All applicable recapture fees.
- \*If final inspection is not approved prior to expiration date on permit, the deposit is forfeited to the Village.

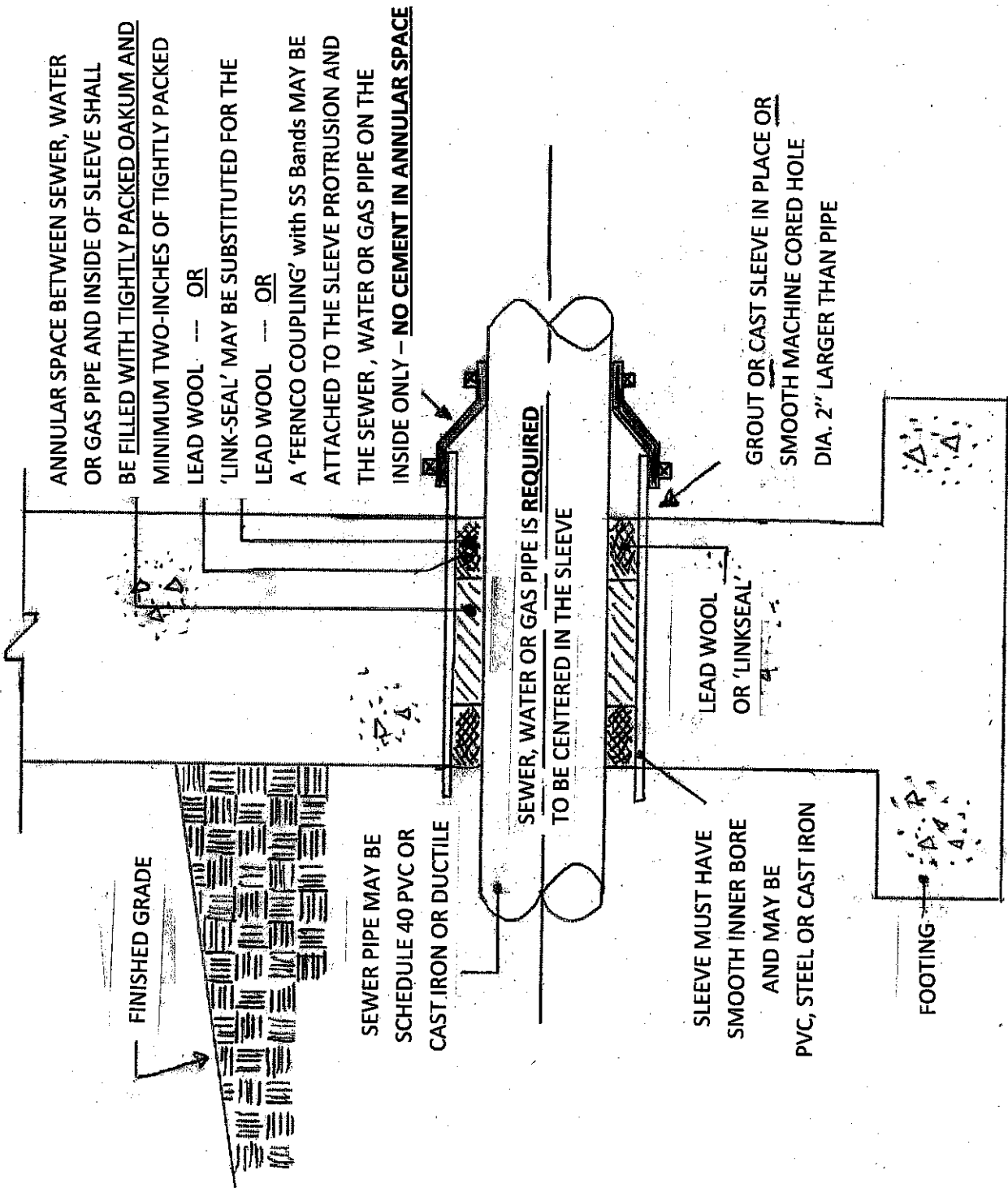
## Note:

- \*If an inspector needs to return more than once for the same phase of any required inspection, a \$83.00 re-inspection fee will be required to be paid before the re-inspection takes place.

I have read and reviewed these requirements.

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

\_\_\_\_\_  
Date



ANNULAR SPACE BETWEEN SEWER, WATER OR GAS PIPE AND INSIDE OF SLEEVE SHALL BE FILLED WITH TIGHTLY PACKED OAKUM AND MINIMUM TWO-INCHES OF TIGHTLY PACKED LEAD WOOL -- OR -- 'LINK-SEAL' MAY BE SUBSTITUTED FOR THE LEAD WOOL -- OR -- A 'FERNCO COUPLING' with SS Bands MAY BE ATTACHED TO THE SLEEVE PROTRUSION AND THE SEWER, WATER OR GAS PIPE ON THE INSIDE ONLY - NO CEMENT IN ANNULAR SPACE

FINISHED GRADE

SEWER PIPE MAY BE SCHEDULE 40 PVC OR CAST IRON OR DUCTILE

SEWER, WATER OR GAS PIPE IS REQUIRED TO BE CENTERED IN THE SLEEVE

SLEEVE MUST HAVE SMOOTH INNER BORE AND MAY BE PVC, STEEL OR CAST IRON

FOOTING

LEAD WOOL OR 'LINKSEAL'

GROUT OR CAST SLEEVE IN PLACE OR SMOOTH MACHINE CORED HOLE DIA. 2" LARGER THAN PIPE

ILLINOIS PLUMBING CODE 890.180 (c) and (d)  
Section 890. ILLUSTRATION AA Sleeves